GLOBAL EDITION

ENTRAPASS

Access Control and Security Management Software

User Manual

KANTECH

A Tyco International Company

D1925-1105/ Version 5.00

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Release Notes

Purpose of this Document

This document is intended for users and installers of the EntraPass Access Control System who are already familiar with the product. Its purpose consists in delivering late-breaking information about the 5.00 version of EntraPass Global. This objective will be achieved by way of contextual screens and simplified descriptions. Please note that this document does not replace the User Manual shipped with the product or the Reference Manual included on the DVD-ROM or the USB flash drive.

Welcome to the 5.00 Version of EntraPass

Welcome to this latest version of EntraPass, featuring an interesting range of brand new functionalities such as the new database engine (Sybase), Alarm Management, TVR II Video Integration, Galaxy and MaxSys Panel Integrations, and the ability to load 8 reader types per KT-400.

Software Package

The installation media (USB flash drive or DVD-ROM) includes the basic components of EntraPass Global Edition:

- 1 Server and 1 server workstation
- 4 additional workstations
- 1 Global gateway
- 1 WebStation license (must be activated for usage)
- SmartLink

NOTE: *Each Global Gateway application includes one Multi-Site Gateway when the Dual Gateways option is enabled. This option does not require any additional license.*

The installation USB drive or DVD-ROM also includes advanced system components. They require an additional license:

- 1 or 8 additional workstation applications (up to 128 + 1)
- 128 Global or KT-NCC and 40 Multi-Site gateways
- Redundant Server & Mirror Database
- Oracle/MS-SQL Interface
- EntraPass Video Vault
- EntraPass WebStation (1 or 3 license packages with a maximum of 20 concurrent licenses).

EntraPass also includes a number of stand-alone utilities that allow operators to perform a variety of tasks such as: verifying the system database, changing the system language, migrating from older versions of EntraPass, viewing reports, etc.

For details on EntraPass utilities and new Global Edition features, please refer to the EntraPass Reference Manual DN1316 and Release Notes DN1553.

System Optimization

Minimum System Requirements

The following system requirements apply to the EntraPass Server, Redundant Server, Video Vault, Oracle/MS-SQL Interface (CardGateway), Multi-site Gateway, SmartLink and Workstation.

- Dual Core processor.
- 2 GB RAM.
- AGP or PCI Express 8X graphics card with 64 MB memory and DirectX 9.0 support.
- 10/100 Base-T network adaptor.

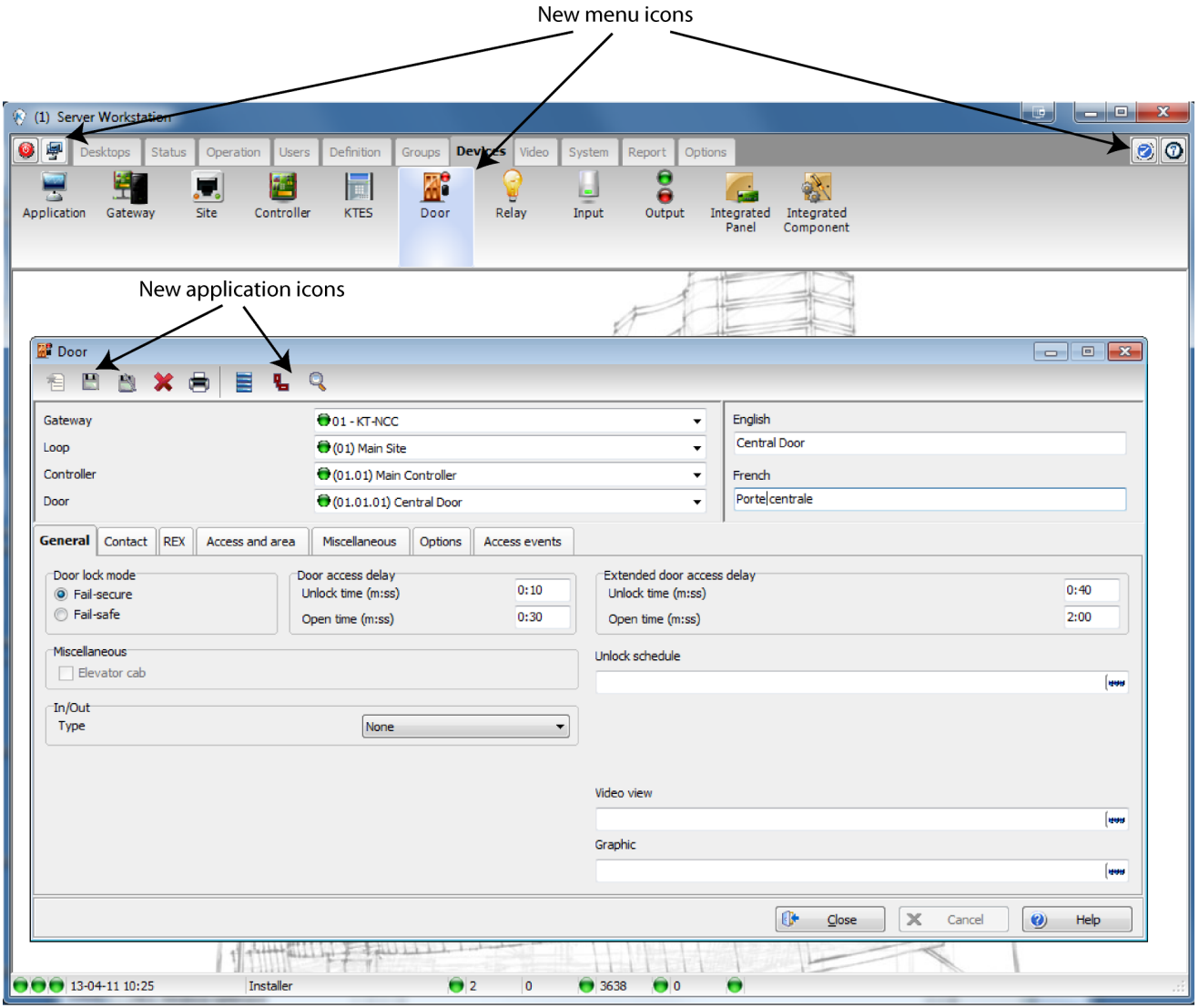
Tested and recommended OS with EntraPass 5.00	
Windows 2008 Server 32 and 64 Bits	
Windows 7 Pro. 32 and 64 Bits	
Windows Vista Pro. 32 and 64 Bits	
Windows 2003 Server 32 and 64 Bits	
Windows XP Pro. 32 Bits	

New Format

- A new printed manual that contains only user related content is included and replaces the previous reference manual. A complete reference manual in PDF format is still included with the software.
- A redesigned slimmer packaging with new artwork.
- EntraPass is now available on a USB flash drive or a DVD-ROM.

New Look

- EntraPass 5.00 has now a distinctive up to date visual style with a new set of icons:



- Descriptions now count up to 100 characters (60 for Corporate Edition).

Customizable Contact Information

The information displayed in the **About** window is customizable. The number of tokens required to update is now indicated (refer to EntraPass reference manual **Chapter 1 Installation** for details).

Customizable Background

In EntraPass 5.00, you can customize the background watermark image prior to installation (refer to EntraPass reference manual **Chapter 1 Installation** for details).

Changes in Terminology

For clarification purpose, the following menu items have been changed for the Workstation:

Menu	Before	After
Devices	EntraPass application	Application
Report	Historical report	Custom Report
	T and A report	In/Out Report
	Operations on T and A	In/Out Adjustment
	View report	Archive
Options	Card format	Display Format
	Authentication Password	Connection Password
	Server full database check	Verify Server DB
	Workstation Full database check	Verify Workstation DB

And for the Server:

Menu	Before	After
Backup	Backup Time and Attendance	Backup In/Out
	Restore Time and Attendance	Restore In/Out
Utility	Verify Time and Attendance Integrity	Verify In/Out Integrity

- The term “Corporate Gateway” has been changed to “Multi-Site Gateway”.

Sybase Database

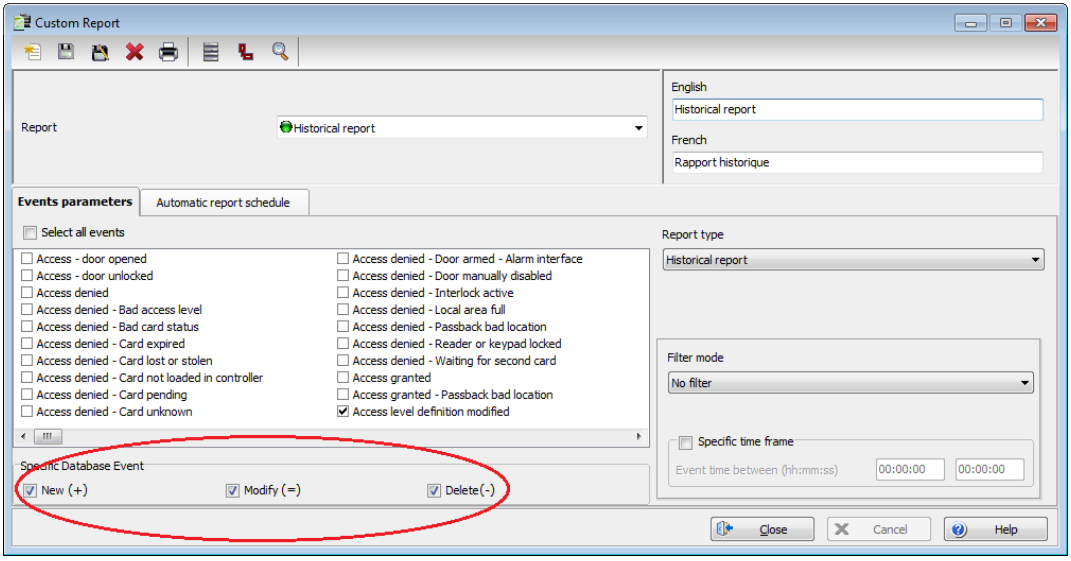
The Sybase database engine has been integrated in version 5.00 to replace the existing database. Here are the key benefits:

- Seamless migration
- SQL based access
- High-performance embedded database server
- Low administration requirements
- Small footprint

Add, Modify or Delete Tagged Events

In previous versions of EntraPass, it was not possible to see on a requested report if a component was newly created, modified or deleted.

You can now request a report and indicate which component status to display (New, Modified or Deleted):

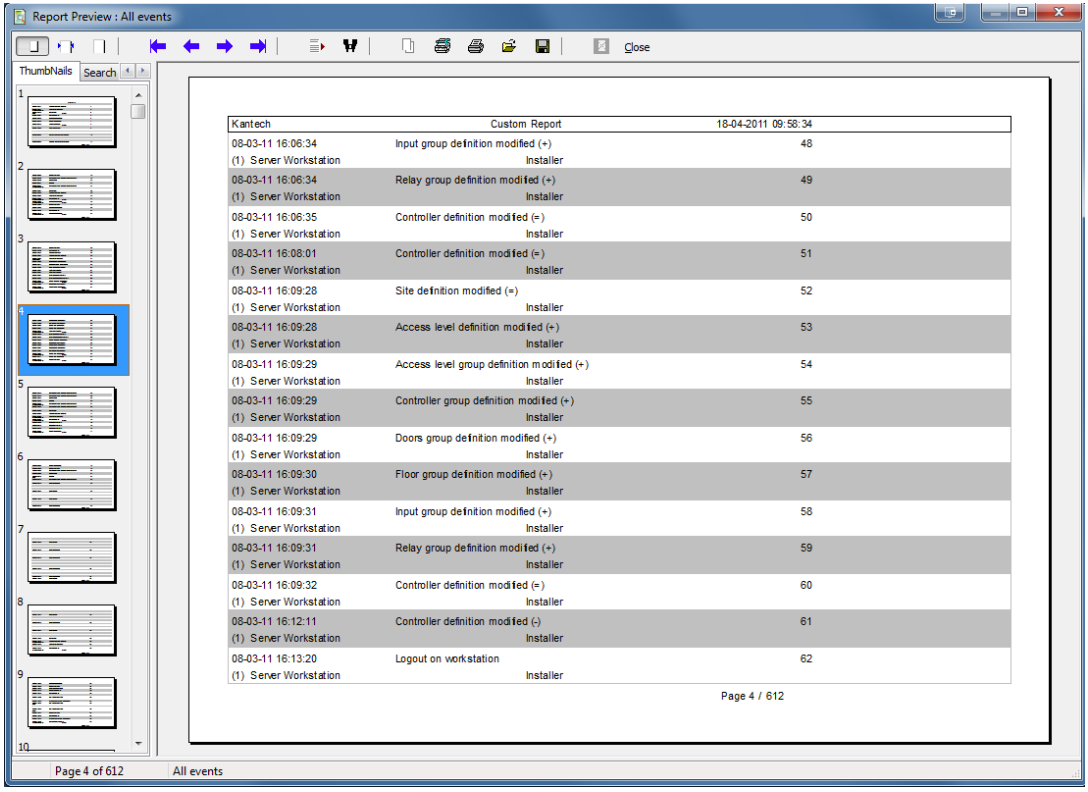


***NOTE:** The checkboxes under **Specific database event** will be displayed only when a database event is selected.*

In reports and the desktop message lists, events will be precessed by the following signs:

- **+** (New)
- **=** (Modified)

- - (Deleted)


Report Preview : All events
Close
ThumbNails
Search
Kantech
Custom Report
18-04-2011 09:58:34
08-03-11 16:06:34 Input group definition modified (+) 48
(1) Server Workstation Installer
08-03-11 16:06:34 Relay group definition modified (+) 49
(1) Server Workstation Installer
08-03-11 16:06:35 Controller definition modified (=) 50
(1) Server Workstation Installer
08-03-11 16:08:01 Controller definition modified (=) 51
(1) Server Workstation Installer
08-03-11 16:09:28 Site definition modified (=) 52
(1) Server Workstation Installer
08-03-11 16:09:28 Access level definition modified (+) 53
(1) Server Workstation Installer
08-03-11 16:09:29 Access level group definition modified (+) 54
(1) Server Workstation Installer
08-03-11 16:09:29 Controller group definition modified (+) 55
(1) Server Workstation Installer
08-03-11 16:09:29 Doors group definition modified (+) 56
(1) Server Workstation Installer
08-03-11 16:09:30 Floor group definition modified (+) 57
(1) Server Workstation Installer
08-03-11 16:09:31 Input group definition modified (+) 58
(1) Server Workstation Installer
08-03-11 16:09:31 Relay group definition modified (+) 59
(1) Server Workstation Installer
08-03-11 16:09:32 Controller definition modified (=) 60
(1) Server Workstation Installer
08-03-11 16:12:11 Controller definition modified (-) 61
(1) Server Workstation Installer
08-03-11 16:13:20 Logout on workstation 62
(1) Server Workstation Installer
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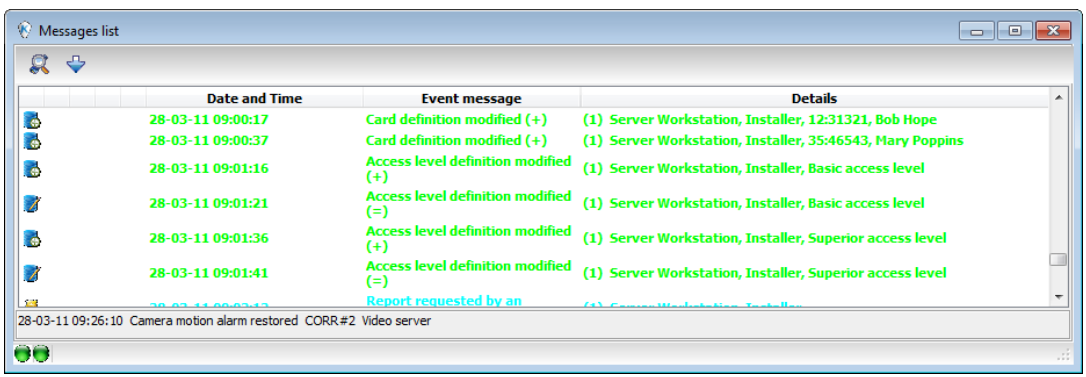
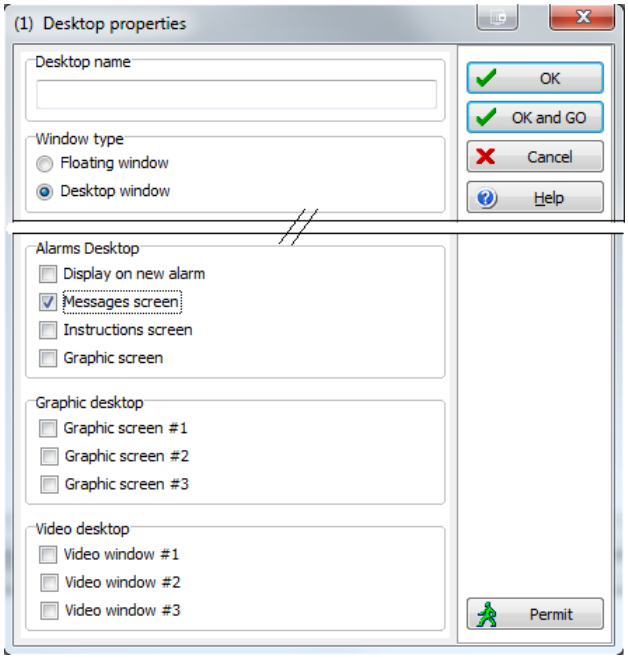
All events


Messages list
Date and Time
Event message
Details
28-03-11 09:00:17 Card definition modified (+) (1) Server Workstation, Installer, 12:31321, Bob Hope
28-03-11 09:00:37 Card definition modified (+) (1) Server Workstation, Installer, 35:46543, Mary Poppins
28-03-11 09:01:16 Access level definition modified (+) (1) Server Workstation, Installer, Basic access level
28-03-11 09:01:21 Access level definition modified (=) (1) Server Workstation, Installer, Basic access level
28-03-11 09:01:36 Access level definition modified (+) (1) Server Workstation, Installer, Superior access level
28-03-11 09:01:41 Access level definition modified (=) (1) Server Workstation, Installer, Superior access level
Report requested by an
28-03-11 09:26:10 Camera motion alarm restored CORR.#2 Video server

Alarm Management

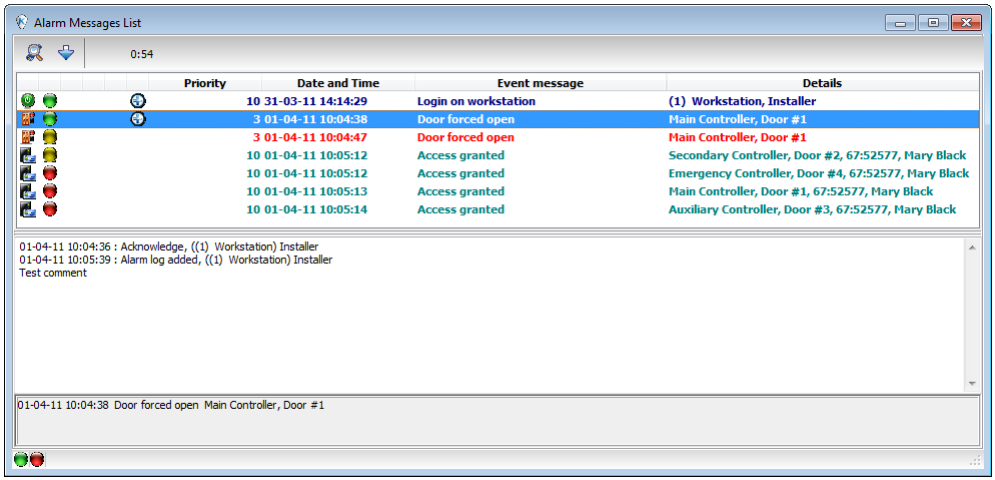
In EntraPass 5.00, the network alarms desktop has been modified. Alarm messages are now archived and can be retreived at all times. When an alarm message is acknowledged by an operator, the notification is acknowledged or removed at all workstations.

In the Desktop Properties window, **Network alarms** has been replaced by **Alarms Desktop**.

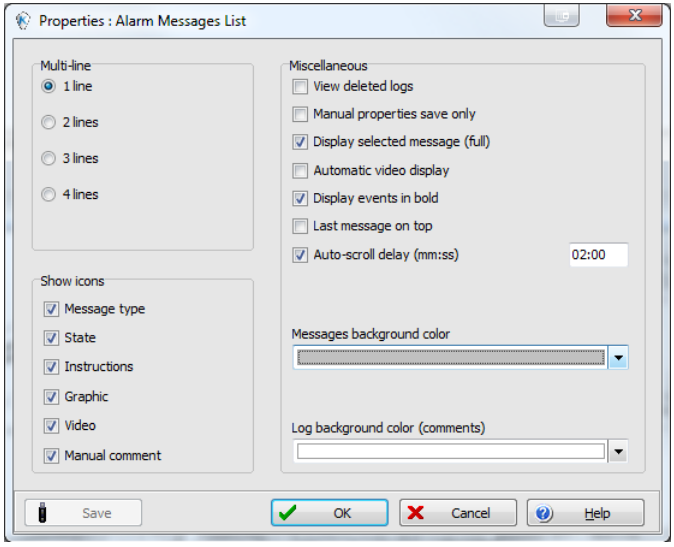


Alarm Desktop

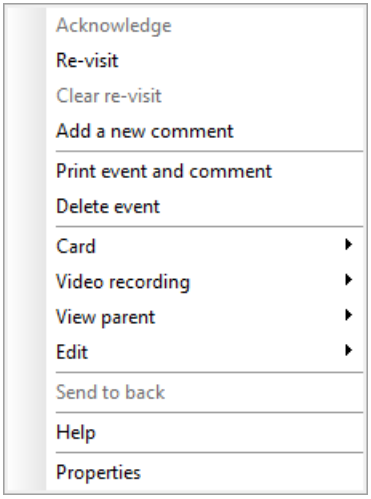
In the **Alarm Message List**, the "**+**" column indicates that a comment has been added manually to the event. Note that acknowledgments and flags will not be identified by a "**+**" sign.



Use a right click on an event and select **Properties** to display the usual properties dialog.

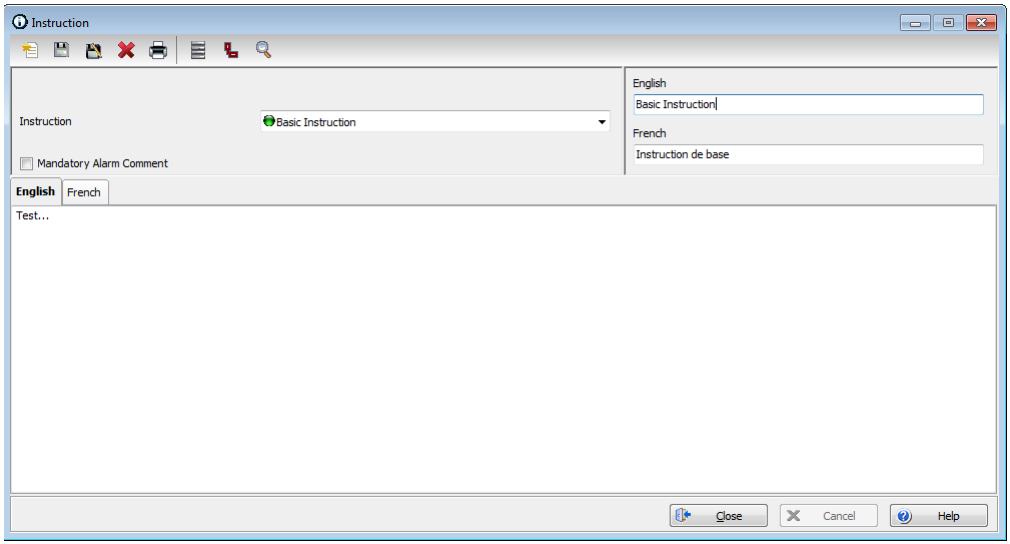


The contextual menu has been changed slightly with the following:

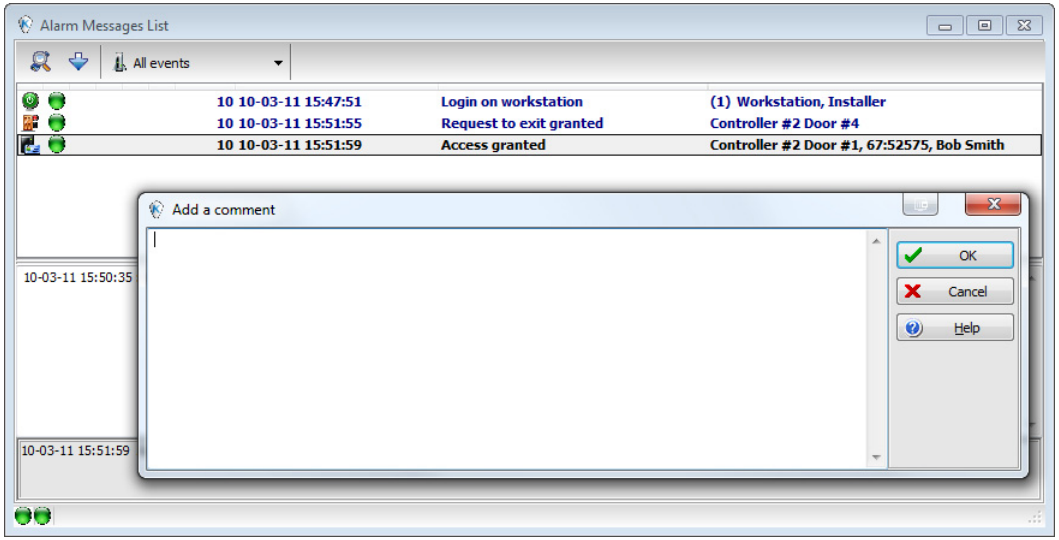


- **Acknowledge**: When selected, a green dot is inserted beside an alarm message to indicate that the event hs been acknowledged.
- **Re-visit**: When selected, the alarm is acknowledged but its treatment is not finished. Use this item to keep trace of the alarm.
- **Clear re-visit**: Stop tracing of the acknowledged alarm.
- **Add a new comment**: Allows operators to enter comments concerning the selected event. The added comments are displayed in the bottom part of the alarm window. A blue + sign beside an alarm message indicates that a comment has been added to the alarm message (visible when icons are enabled: right-click an alarm event > Properties > Show icons).
- **Print event and comment**: When selected, the system prints the event and the comments associated to it.
- **Delete event**: Delete the selected event. Note that all comments are available for viewing (even if deleted from the desktop) in the archives.

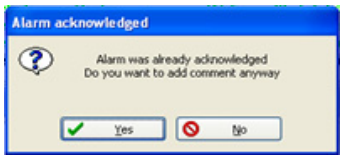
Instruction Window



In EntraPass 5.00, if an instruction with the **Mandatory alarm comment** checkbox selected in **System/ Instruction** is assigned to an alarm, the operator will have to add a comment in order to mark the alarm as “acknowledged”.

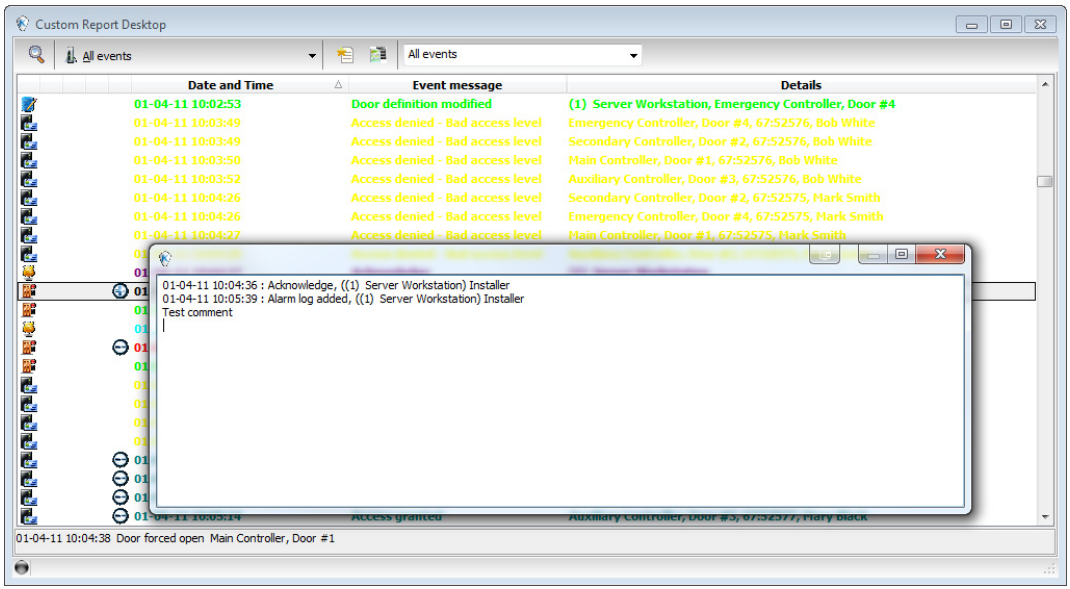


If the alarm event has already been acknowledged, a warning message will be displayed for you to confirm that the comment should be added.



Custom Report Desktop

From the **Custom Report Desktop**, you can now display the comments associated to each event. Also, a comment can be added to any event. In the fifth column from the left, a '-'sign will indicate that a comment has been added by the system while a'+' sign will indicate a manually added comment.


Custom Report Desktop
All events
All events
Date and Time
Event message
Details
01-04-11 10:02:53 Door definition modified (1) Server Workstation, Emergency Controller, Door #4
01-04-11 10:03:49 Access denied - Bad access level Emergency Controller, Door #4, 67:52576, Bob White
01-04-11 10:03:49 Access denied - Bad access level Secondary Controller, Door #2, 67:52576, Bob White
01-04-11 10:03:50 Access denied - Bad access level Main Controller, Door #1, 67:52576, Bob White
01-04-11 10:03:52 Access denied - Bad access level Auxiliary Controller, Door #3, 67:52576, Bob White
01-04-11 10:04:26 Access denied - Bad access level Secondary Controller, Door #2, 67:52575, Mark Smith
01-04-11 10:04:26 Access denied - Bad access level Emergency Controller, Door #4, 67:52575, Mark Smith
01-04-11 10:04:27 Access denied - Bad access level Main Controller, Door #1, 67:52575, Mark Smith
01-04-11 10:04:36 : Acknowledge, ((1) Server Workstation) Installer
01-04-11 10:05:39 : Alarm log added, ((1) Server Workstation) Installer
Test comment
01-04-11 10:04:38 Door forced open Main Controller, Door #1

In both cases, to view associated comments select the event and use a right-click to display the contextual menu, then select **View Comment**. A comment can also be added using **Add a New Comment**.

Alarm Message Box

An alarm can be acknowledged from a workstation while an **Alarm Message** box is displayed on another workstation. In this case, the **Acknowledge** button will become a **Closed** button. Note that the **Alarm Message** box can be used to acknowledge alarms.

When there is no **Alarm Message** box, if the system has been programmed for a mandatory comment, a dialog will be displayed to enter it.

Alarm Management Configuration

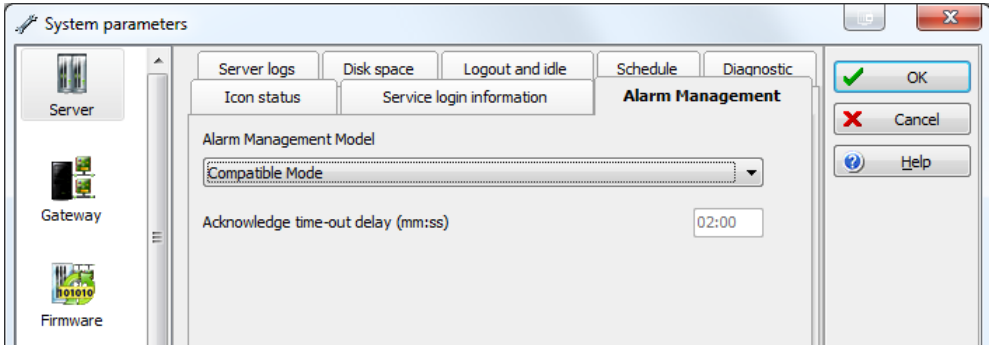
In EntraPass 5.00, an event has now its own unique status irrespective of the workstation it is displayed.

There are five different ways to manage alarms:

- In compatible mode
- With notification base on event priority
- With notification based on the operator acknowledgment level
- With notification based on the workstation acknowledgment level
- With notification based on the workstation and on the operator acknowledgment level

Compatible Mode:

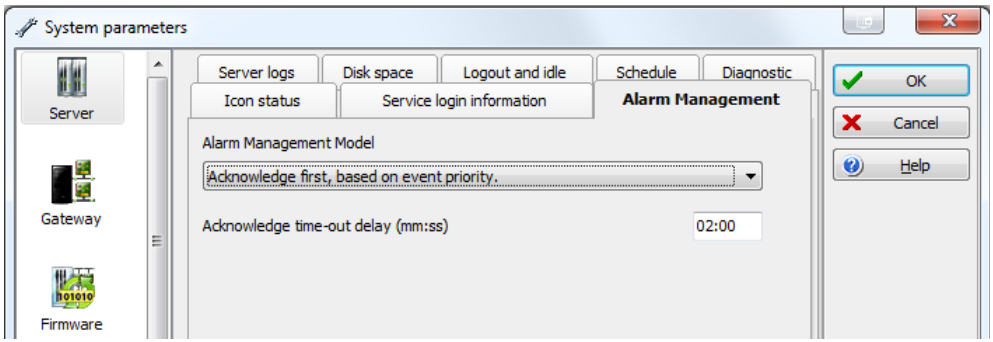
In Compatible Mode, when an alarm message is acknowledged on a workstation, it is acknowledged on every workstation for which it has been programmed.



The **Alarm management model** will establish a priority level among users in regards to alarm acknowledgment. However, the alarm acknowledgment will have to be completed within the acknowledgment time delay. Otherwise, every workstations that have asked for an acknowledgment will be notified for acknowledgment.

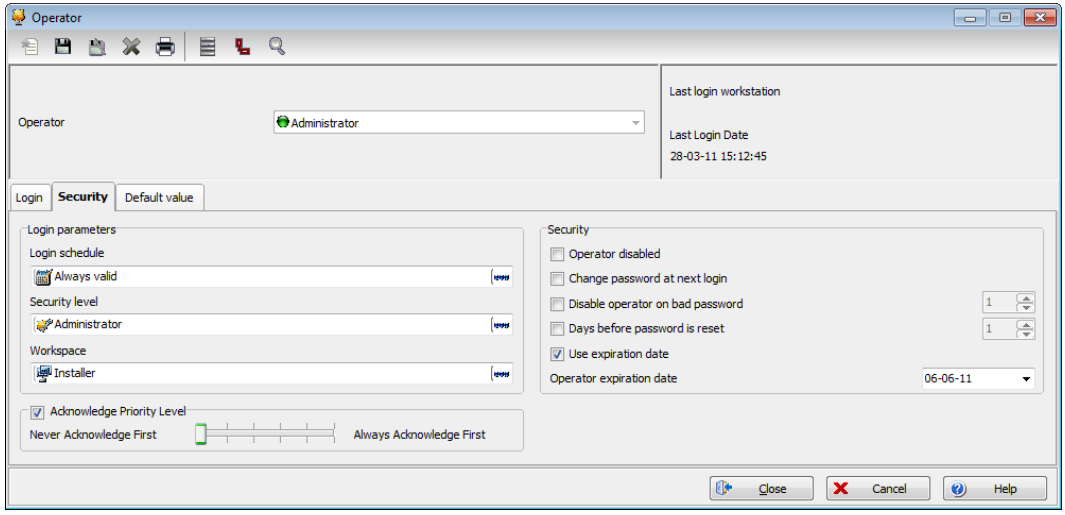
Notification Based on Event Priority:

The priority level associated to the event is now used to determine which workstation can proceed to the acknowledgment. If more than one workstation have the same priority level, they will all receive the same request for acknowledgment.



Notification Based on the Operator Acknowledgment Level:

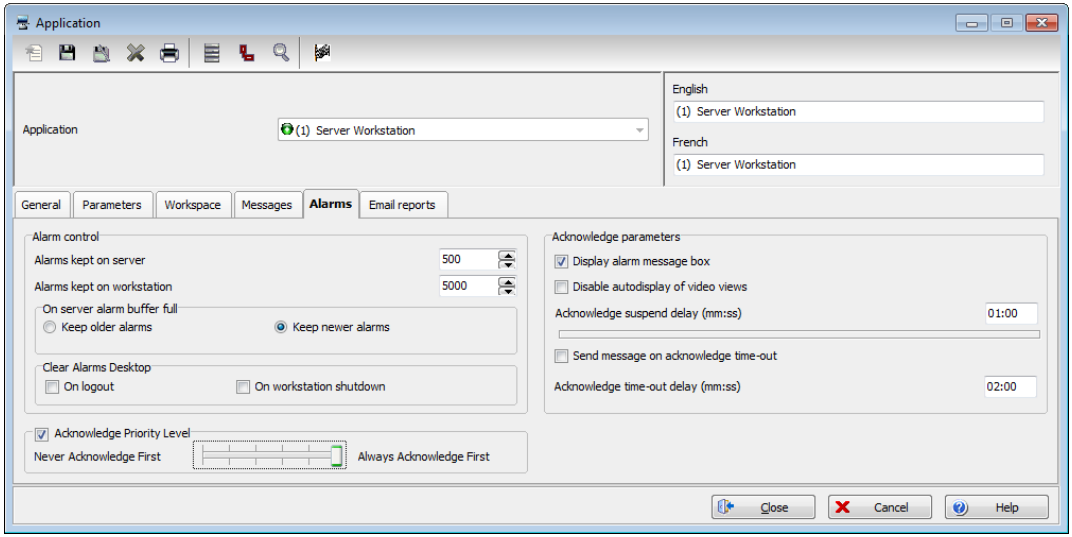
In this model, the Operator's **Acknowledge Priority Level** determines who has priority to perform the alarm acknowledgment. In the **Operator** window, the **Acknowledge Priority Level** has been added.



The slider is used to modulate the priority level from "Never" to "Always" be the first to acknowledge. If the **Acknowledge Priority Level** checkbox is unselected, it means that the operator will never be asked to acknowledge an alarm even if the delay is expired.

Notification Based on the Workstation Acknowledgment Level:

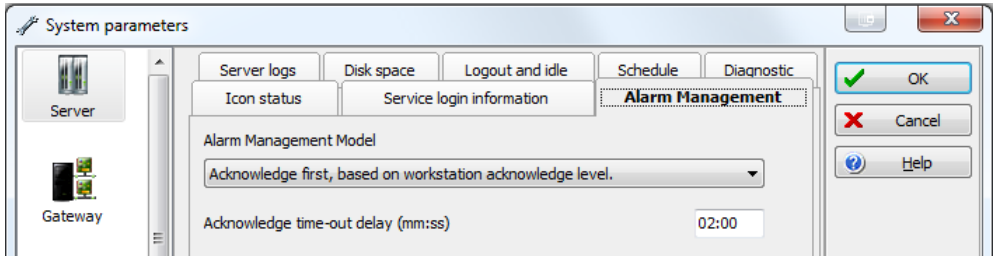
In this model, the acknowledgment priority level is based on the workstation. In **Devices / Application** the option **Acknowledge Priority Level** has been added.



The slider is used to modulate the priority level from “Never” to “Always” be the first to acknowledge. If the **Acknowledge Priority Level** checkbox is unselected, it means that the operator will never be asked to acknowledge an alarm even if the delay has expired.

Notification Based on the Workstation and on the Operator Acknowledgment Levels:

This model is a mix of the two previous alarm management models:



- If one of the two acknowledgment levels is disabled, there will never be any acknowledgment notification.
- If one of the two acknowledgment levels is set on “Never”, the operator or the workstation will never be the first to acknowledge.

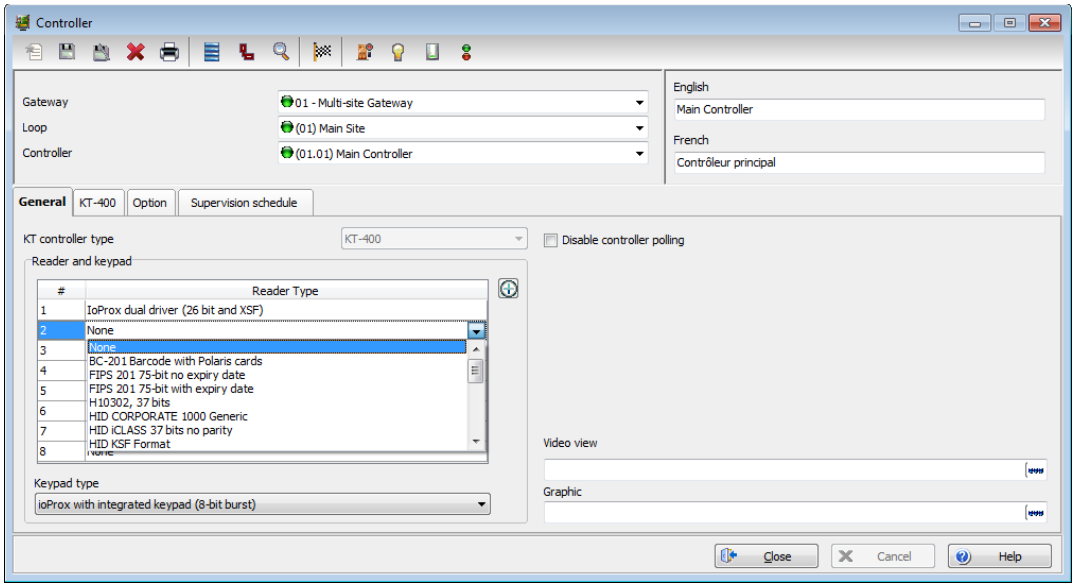
- If one of the two acknowledgment levels is set on “Always”, the operator or the workstation will always be the first to acknowledge.
- For any other situations, the one with the highest product level (operator level or workstation level) will be the first to receive the acknowledgment notification.

Eight Reader Types (KT-400)

This new feature allows loading and installing 8 different reader types on a KT-400 with firmware version 1.06 and later.

NOTE: *On a given controller, all reader types must be the same (Wiegand or ABA).*

To select the reader types, from the **Devices** menu, click the **Controller** button:



In the **General** tab, select a reader type from the dropdown lists.

TVR II Video Integration

NOTE: *The maximum number of TVR available is 128.*

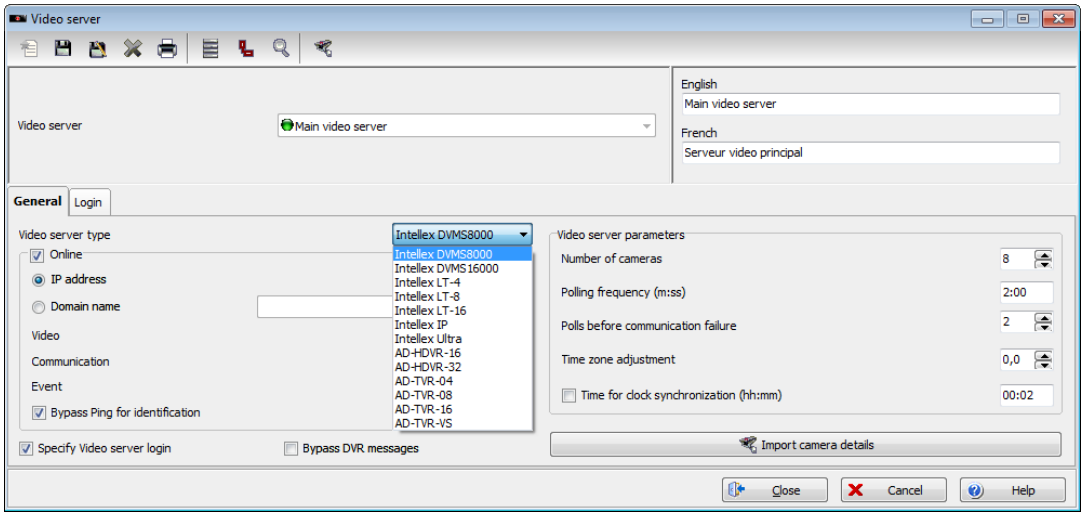
NOTE: *EntraPass 5.0 supports ADTVR models with firmware version 2.2 and later.*

Video Server

For the configuration of a TVR II, 4 new values have been added in the **Video server type** dropdown list:

- **AD-TVR-04**: AD TVR 04 video channels (models ADTVR04050 and ADTVR04100).

- **AD-TVR-08**: AD TVR 08 video channels (models ADTVR08100 and ADTVR08200).
- **AD-TVR-16**: AD TVR 16 video channels (models ADTVR16050, ADTVR16100, ADTVR16200 and ADTVR16400).
- **AD-TVR-VS**: AD TVR-VS 4 video inputs.



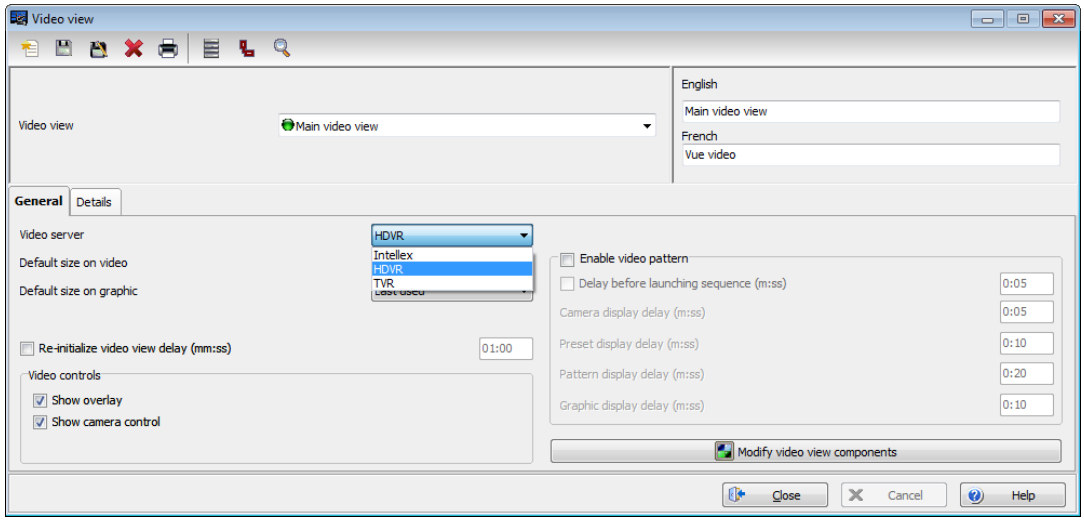
Connection parameters for a TVR II are:

- **IP Address** : Video server IP address.
- **Domain name** : Video server domain address.
- **Communication** : Video server communication port. This port is unique and can be used for any type of connection (live, playback, Unit Info, …). The default value is 22609.
- **Specify video server login** : This option is enabled by default because a user ID and password must be entered for all connections with the video server. Note that the option is not available for a TVR II.

Video View

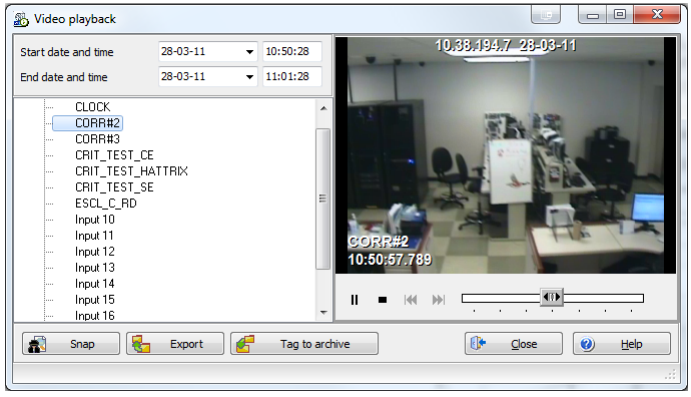
TVR II has been added to the **Video server** list in **Video View** (**Devices / Video View**).

***NOTE:** The **Show camera control** (to enable the dome controls) is the only visible option in the **Video controls** group.*



Video Playback

Click the **Devices** menu and the **Video Playback** button. The video panel for the TVR has its own toolbar:



For the TVR II, the video sequence can only be played forward. That is why the slider can be moved to the right side only. Also, a new button has been added to jump 30 seconds before the begining of the current sequence.

Integration of DSC MaxSys Intrusion Panel

Features

The following consist of the newest features:

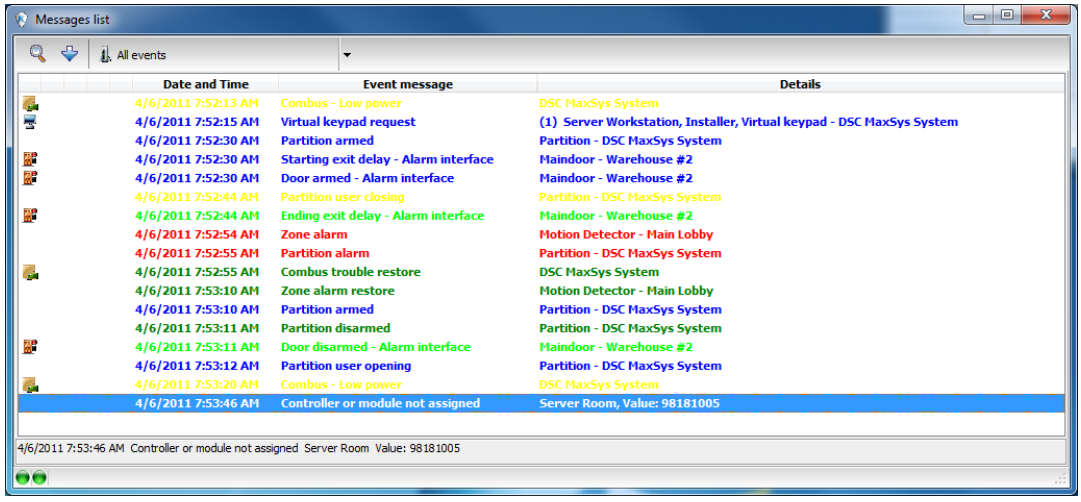
- Events from the MaxSys panel are reported to EntraPass.
- Virtual keypad is supported.
- Compatible with the three (3) EntraPass editions: Special, Corporate, Global with a Multi-site
- gateway.

NOTE: *The minimum KT-400 firmware version required to support this DLL is 1.05.*

NOTE: *Labels for zones, partitions and outputs are not downloaded from the panel to EntraPass.*

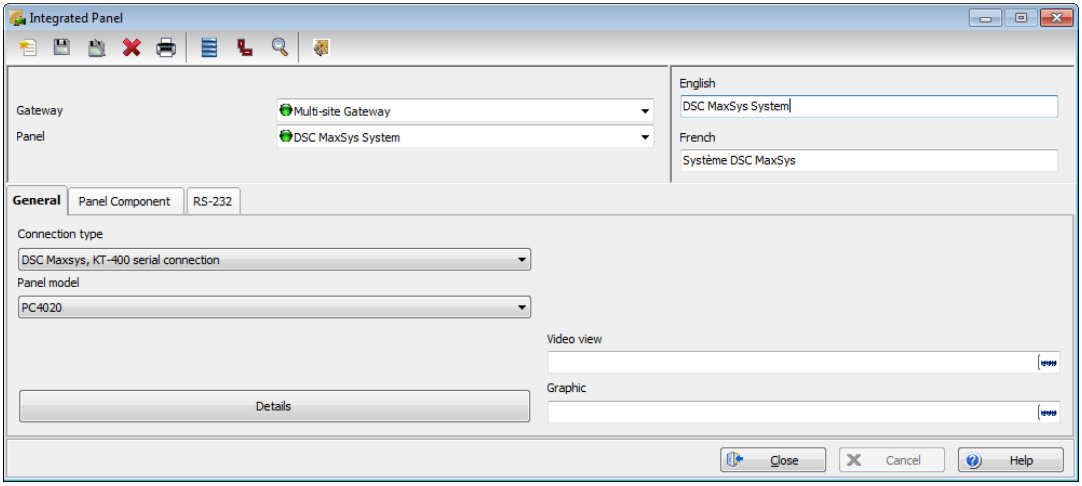
Intrusion Events Panel

The MaxSys panel can generate events (refer to the EntraPass Reference manual for the complete list of events). Each event will be processed by EntraPass.


Messages list
All events
Date and Time
Event message
Details
4/6/2011 7:52:13 AM Combus - Low power DSC MaxSys System
4/6/2011 7:52:15 AM Virtual keypad request (1) Server Workstation, Installer, Virtual keypad - DSC MaxSys System
4/6/2011 7:52:30 AM Partition armed Partition - DSC MaxSys System
4/6/2011 7:52:30 AM Starting exit delay - Alarm interface Maindoor - Warehouse #2
4/6/2011 7:52:30 AM Door armed - Alarm interface Maindoor - Warehouse #2
4/6/2011 7:52:44 AM Partition user closing Partition - DSC MaxSys System
4/6/2011 7:52:44 AM Ending exit delay - Alarm interface Maindoor - Warehouse #2
4/6/2011 7:52:54 AM Zone alarm Motion Detector - Main Lobby
4/6/2011 7:52:55 AM Partition alarm Partition - DSC MaxSys System
4/6/2011 7:52:55 AM Combus trouble restore DSC MaxSys System
4/6/2011 7:53:10 AM Zone alarm restore Motion Detector - Main Lobby
4/6/2011 7:53:10 AM Partition armed Partition - DSC MaxSys System
4/6/2011 7:53:11 AM Partition disarmed Partition - DSC MaxSys System
4/6/2011 7:53:11 AM Door disarmed - Alarm interface Maindoor - Warehouse #2
4/6/2011 7:53:12 AM Partition user opening Partition - DSC MaxSys System
4/6/2011 7:53:20 AM Combus - Low power DSC MaxSys System
4/6/2011 7:53:46 AM Controller or module not assigned Server Room, Value: 98181005
4/6/2011 7:53:46 AM Controller or module not assigned Server Room Value: 98181005

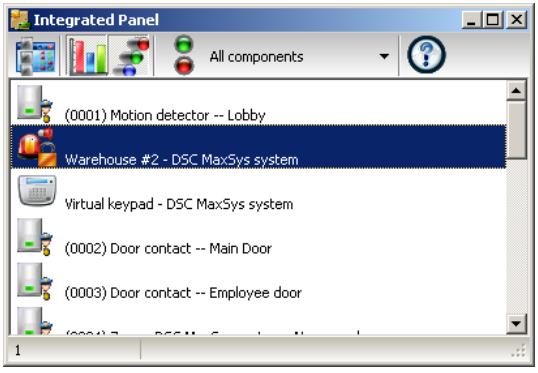
Integrated Panel

The DSC Maxsys connection types have been added to the **Connection type** dropdown list.



Intrusion Operations Panel

The DSC MaxSys panel operations manual provides details on the functionality of each of the actions assigned to the components displayed below.


Integrated Panel
All components
(0001) Motion detector -- Lobby
Warehouse #2 - DSC MaxSys system
Virtual keypad - DSC MaxSys system
(0002) Door contact -- Main Door
(0003) Door contact -- Employee door
1

Integration of Honeywell *Galaxy Dimension* Intrusion Panel

NOTE: *This feature is not available in North America.*

Features

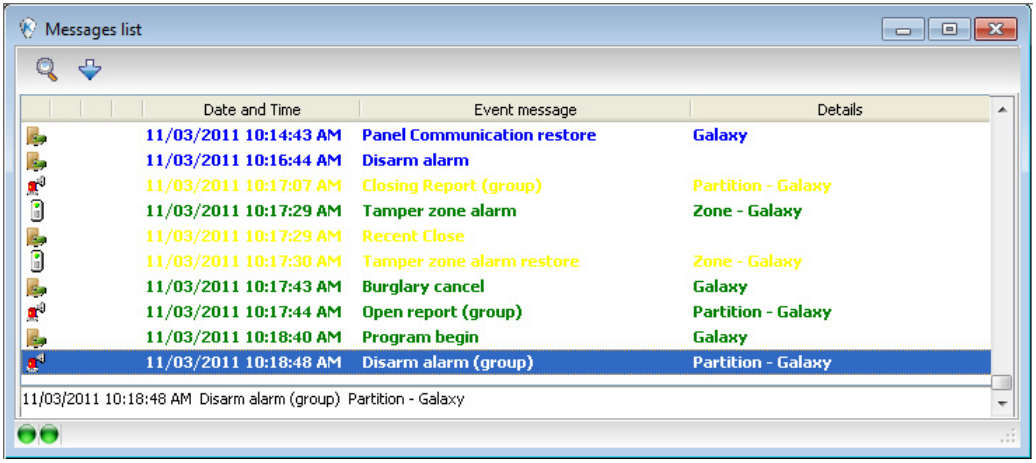
The following are the latest features:

- Events from the Galaxy panel are reported to EntraPass.
- The following group (partitions) commands are supported: Set, Unset, Part set, Abort set, Force set, System Reset.
- The following zone commands are supported: Omit, Un-omit, Soak test off, Soak test on, Part set off, Part set on, Force off, Force on, Force on-off, Force tamper.
- The Off/On output commands are supported.
- Virtual keypad is supported.
- Compatible with the three (3) EntraPass editions: Special, Corporate, or Global
- Can be connected to a Multi-site gateway only.

NOTE: *Labels for zones, partitions and outputs are not downloaded from the panel to EntraPass.*

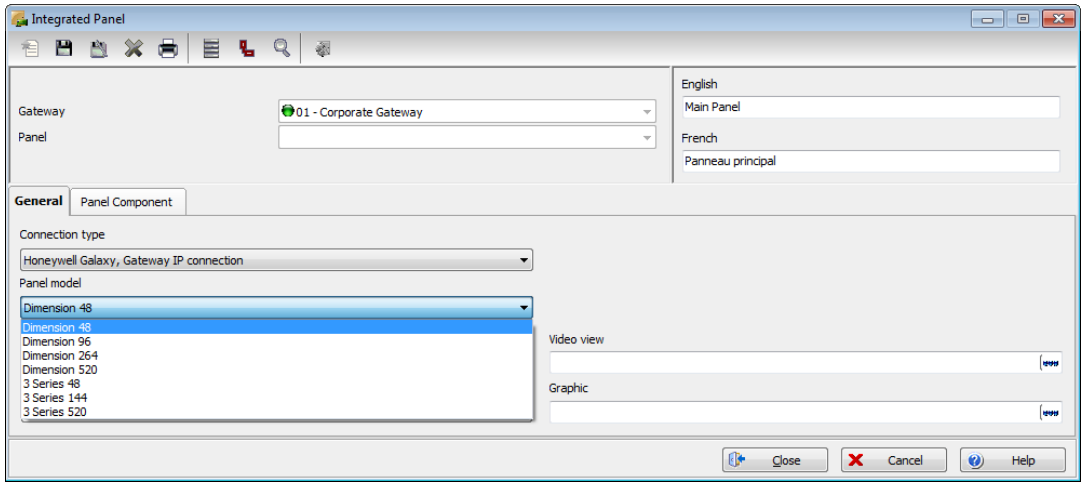
Intrusion Events Panel

The Galaxy panel can generate hundreds of events. The complete list of events is displayed in the section entitled “List of Events From Galaxy Panel”. Each event from this list will be processed by EntraPass, except those of type “00 – Non-reported Events”, which will not be processed.


Messages list
Date and Time
Event message
Details
11/03/2011 10:14:43 AM Panel Communication restore Galaxy
11/03/2011 10:16:44 AM Disarm alarm
11/03/2011 10:17:07 AM Closing Report (group) Partition - Galaxy
11/03/2011 10:17:29 AM Tamper zone alarm Zone - Galaxy
11/03/2011 10:17:29 AM Recent Close
11/03/2011 10:17:30 AM Tamper zone alarm restore Zone - Galaxy
11/03/2011 10:17:43 AM Burglary cancel Galaxy
11/03/2011 10:17:44 AM Open report (group) Partition - Galaxy
11/03/2011 10:18:40 AM Program begin Galaxy
11/03/2011 10:18:48 AM Disarm alarm (group) Partition - Galaxy
11/03/2011 10:18:48 AM Disarm alarm (group) Partition - Galaxy

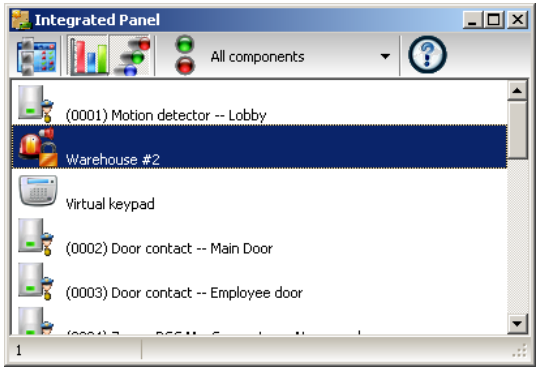
Integrated Panel

The Honeywell Galaxy connection types have been added to the **Connection type** dropdown list.



Intrusion Operations Panel

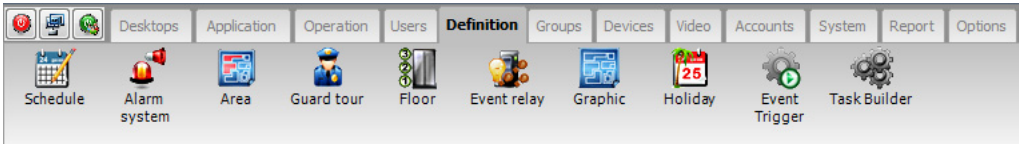
The Galaxy panel operations manual provides details on the functionality of each of the actions assigned to the components displayed below.



Definitions

The Definition Toolbar

Under the **Definition** toolbar, operators will be able to define the system logical components such as:



- Schedules
- Alarm systems
- Areas
- Guard tours
- Event relays
- Holidays

Schedules Definition

A schedule indicates when the system will execute certain operations such as automatically unlocking doors, permitting access to employees, running automatic reports, monitoring inputs, etc. It also determines when events are to be acknowledged or when to activate relays controlling different functions (lighting, heat, etc.). You can use the same schedule in different menus, but it is recommended to create a different schedule for each application, because it is much easier to modify a particular schedule without affecting other applications.

Each schedule is composed of four intervals. Each interval has a starting and ending time. Each of these intervals can be individually selected for the seven days of the week, and for 4 holidays. EntraPass gives you the possibility of programming 99 schedules per gateway and an unlimited number of system schedules. To do so, you must activate the **Upgrade to advanced schedule capability** option in the **System parameters** dialog (**Options toolbar** > **System parameters** > **Server**).

NOTE: *For more information, please See "System Parameters Configuration" on page 428.*

EntraPass supports three groups of schedules:

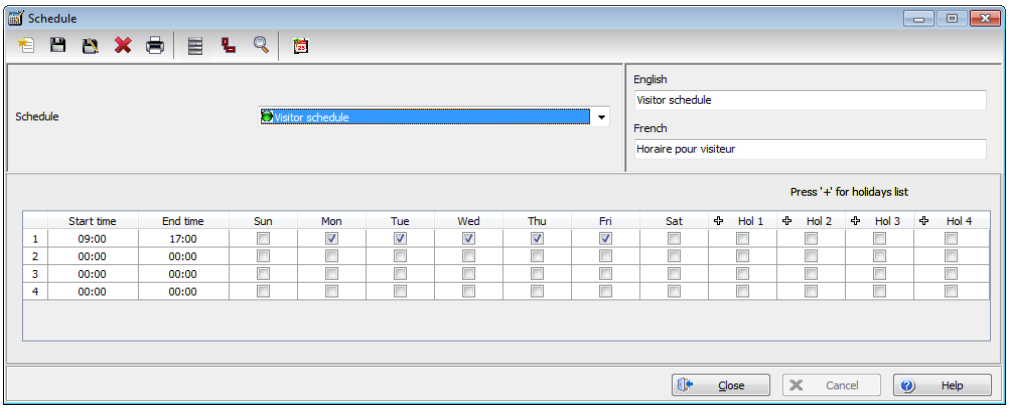
- **System schedules**: System schedules for global functions such as event parameters, operators login schedules and video triggers. These are not loaded in controllers.
- **Global schedules**: Global schedules are grouped by gateway. These are defined per Global Gateway. You can define 99 schedules per Global Gateway for such devices as event relays, secondary access levels, alarm systems, areas, guard tours and elevator controls.

- **Corporate site schedules**: These are defined per site. You can define 99 schedules per corporate site for such purposes as: power supervision (controllers), unlock schedule (doors), Rex schedule (doors), activation mode (relay), monitoring schedule (input).

If you are assigning or defining schedules, make sure that you are selecting the proper category for this schedule. For example, if you are assigning or defining a system schedule (for workstation, operators, event parameters, video triggers) this schedule will be available for selecting components of this category. If you are selecting a schedule for physical components such as controllers, doors, inputs, their schedules will be grouped by gateway if you are using a Global Gateway and by site if you are using a Multi-site Gateway. If you have defined two sites in your system, there will be two separate groups of schedules for each site. You can define up to 99 schedules for each site.

Defining a Schedule

1 From the EntraPass main window, click the **Definition** tab. Then click the **Schedules** icon from the **Definition** toolbar.



*NOTE: If you have checked the **Upgrade to advanced schedule capability** option (**System parameter** > **Server** > **Schedule** tab), the **Gateway/Site** drop-down list appears for selection. From the **Gateway/site** drop-down list, select a **Gateway** (Global site) or, select a **Site** (Corporate site) or a **System schedule**, (applicable to system components such as event parameters, video triggers, operator login).*

2 From the **Schedule** drop down list, select the schedule you want to modify or select the schedule applicable to the category selected in previous step, or click the **New** icon to create a new one.

3 Assign a name (or modify an existing one) to the schedule. It is recommended to choose a meaningful name.

4 You can click the **Holiday** icon in the toolbar to view the list of holiday that are defined in the system.

NOTE: EntraPass supports four types of holidays.

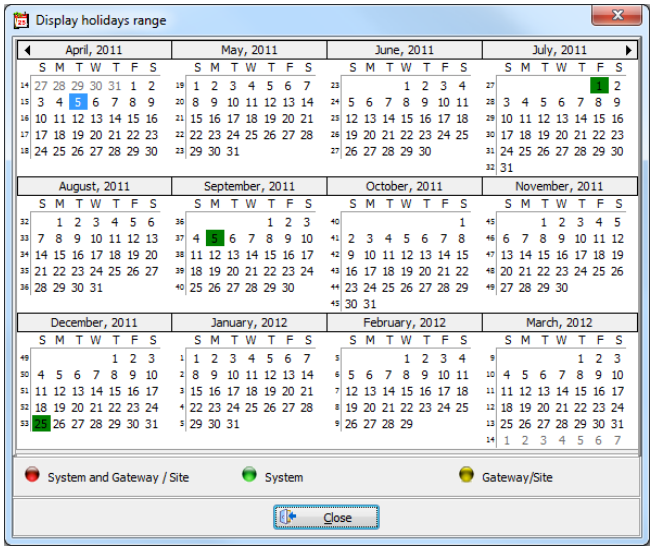
5 Specify the **Start time**: this is the scheduled time when the interval becomes valid. It will become invalid when the end time has been reached.

6 Specify the **End time**: this is the scheduled time when the interval is no longer valid.

NOTE: *Start and end times are in 24-hour time format; this gives a range from 00:00 to 24:00. For any interval, the end time must be greater than the start time.*

7 Check the Days of the week during which this schedule interval will be valid. To do this, click in the checkbox below each day.

8 Check the holiday type (**Hol1, Hol2,** etc.) column checkbox if you have defined four holidays in the Holiday definition menu and you want this interval to be valid during a holiday. You can also click on the + sign to display a calendar for the next 12 months showing holidays in one of the three colors identified in the legend.

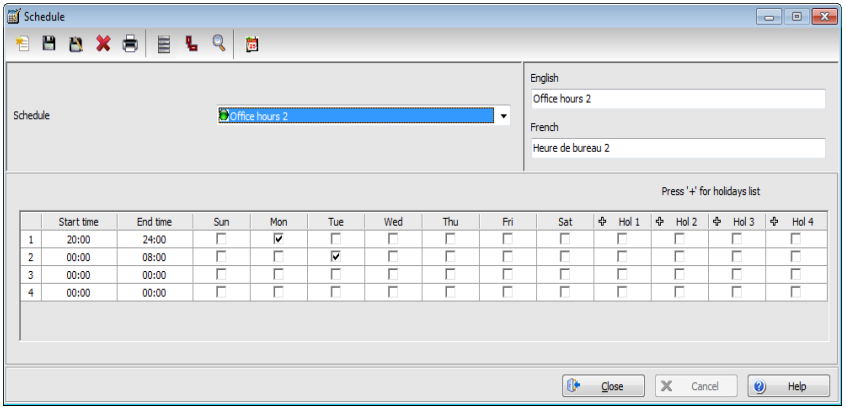


NOTE: *The legend is different from the one used to define holidays. See "Holiday Definition" on page 4 for more information.*

To Create a 2-day Continuous Interval

To create an interval from Monday 20:00 (8:00 PM) to Tuesday 08:00 AM, the schedule must be divided into two intervals:

1 First define an interval for Monday from 20:00 to 24:00;

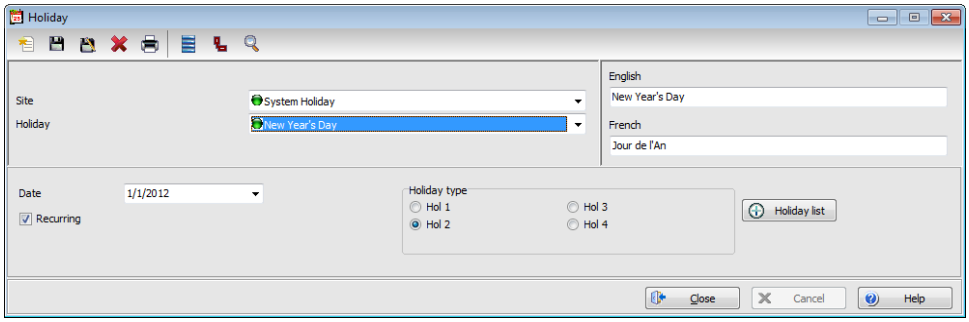


2 Define a second interval for Tuesday from 00:00 to 08:00. The system considers these two intervals as one continuous interval.

Holiday Definition

A holiday is treated differently than other days. It is recommended to program holidays at the beginning of the year; this helps to modify floating holidays for the current year (Easter, Thanksgiving, etc.). A holiday may be identified by a specific type (Hol 1, 2, 3, 4). The same day may be defined as a holiday at one site, but as a regular day in another site. Holidays may also be defined as global holidays or by Gateway.

1 From the **Definition** window, select the **Holiday** icon. The Holiday window appears.



2 To create a new holiday, select the **New** icon.

3 To create a global holiday, proceed with the holiday definition. If you want to define a holiday for a specific gateway/site, select the gateway/site from the drop-down list.

4 Assign a name to the holiday.

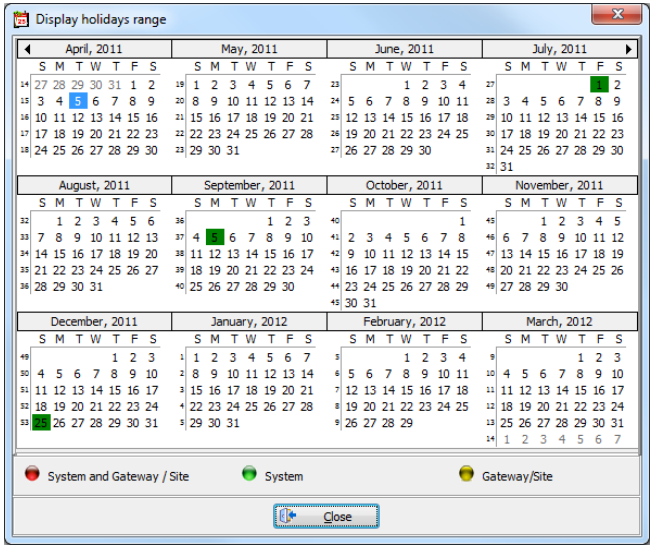
5 From the **Date** pull-down menu, select a the holiday date from the calender.

6 Check the Recurring option if this is the case for the holiday you are defining.

NOTE: If the holiday is not a recurring holiday, you will have to reprogram it for the following year. You can program holidays years in advance; but it is recommended to review holidays on a yearly basis.

7 In the Holiday type section, select the type of the holiday you are defining. This gives you flexibility when defining a holiday. For example, you may decide that a given day is a holiday for a certain group of users, but it is a regular day for another group.

8 Click on the + Holiday list button to display a calendar for the next 12 months showing holidays in one of the three colors identified in the legend.

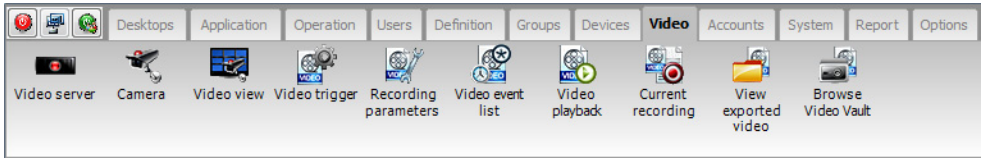


NOTE: The legend is different from the one used to define schedules. See "Schedules Definition" on page 1 for more information.

Video Integration

The Video Toolbar

EntraPass offers real-time monitoring capability as a response to the growing importance of video in access control systems. The Video feature allows operators to define Video parameters and use video features from EntraPass user interfaces. EntraPass Administrators have to define video configuration and viewing parameters including:



- Video event list
- Playback
- Current recording
- Exported video
- EntraPass Video Vault, etc.

Video Event List

The Video Event List window displays all video segments recorded in the system and stored in the Video server database as well as video segments archived in EntraPass Video Vault. These video segments can originate from three sources:

- Video triggers
- Manual requests from operators
- Automatic recordings from video servers

NOTE: *Operators must have access rights to the video server in order to perform operations on events displayed in the Video Event list. For example, if an operator has not been assigned permission to use a specific video server, he/she will not view events originating from this server. User permission are assigned while defining the security level:* ***System*** *>* ***Security level****.*

Using the Video Event List

The **Video event list** window displays all video events as well as their description. EntraPass operators can:

- Search for a specific event associated with a video segment based on the date and time when the video was recorded
- Play a video segment
- Export the video segment for future consultation
- Stream or copy video segments from EntraPass Video Vault

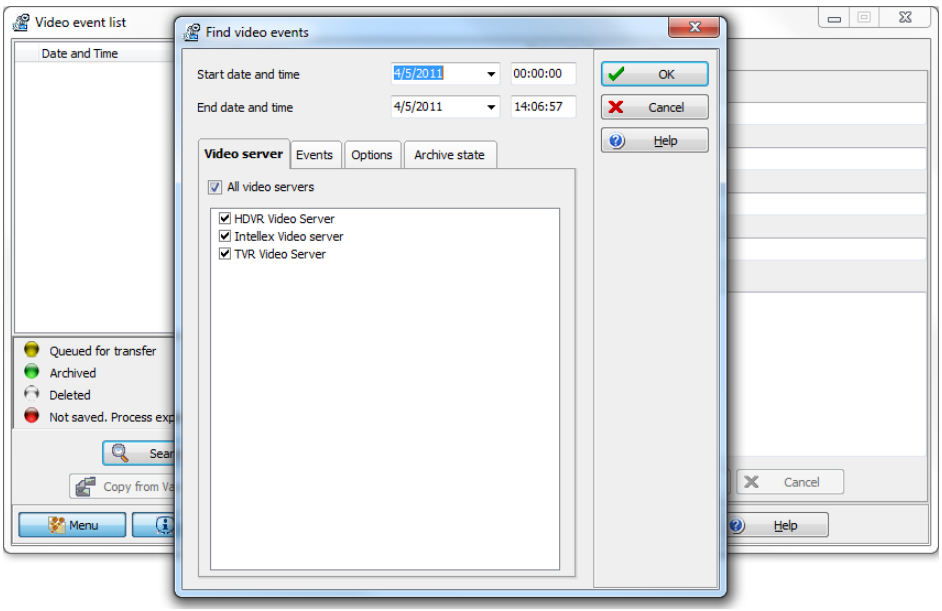
- Retry all aborted transfers: these are transfers of video segments that were tagged for archive but which were not transferred to EntraPass Video Vault.

Finding Video Events

Under **Video > Video event list**, use the **Search** button to locate and view video segments. If the **Search** button is not displayed on screen, click the **Menu** button to make it appear.

- The **Video server** tab allows you to search for a video segment on a specific video server.
- The **Events** tab allows you to filter events.
- The **Options** tab allows you to determine the size of the video you are looking for. Appropriate user access rights are necessary for performing this task.
- The **Archive state** tab allows you to filter archived events according to their status.

1 From the Video Events List, click the **Search** button. The Find video event window appears.

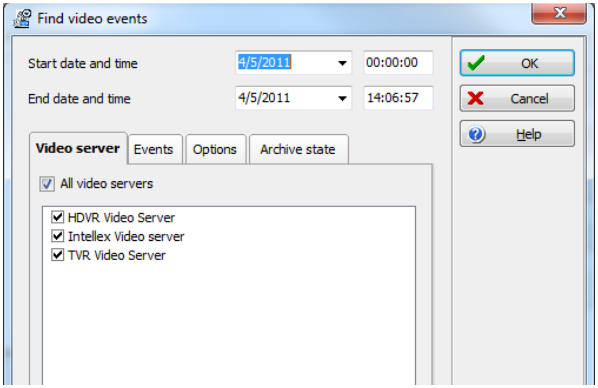


NOTE: If the **Menu** *and* **Legend** *buttons are not activated, the window will not show the legend nor the buttons in the lower part.*

2 From the **Find video events** window, select the **Start date and time** and the **End date and time** for the video segments you are looking for.

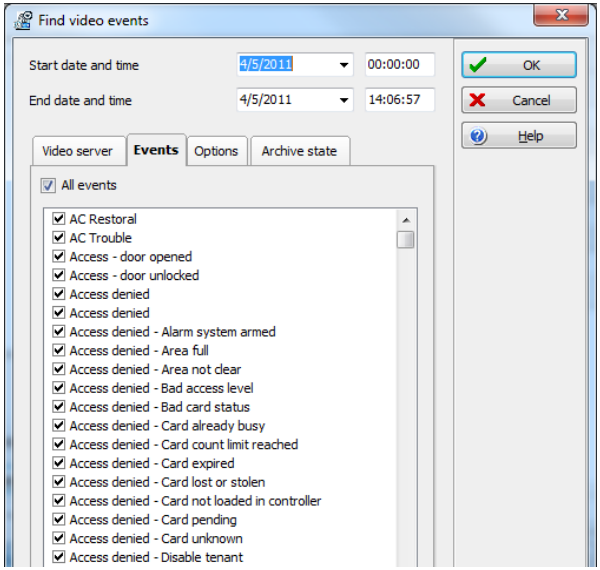
NOTE: The **Legends** *button allows you to display a status legend related to video events. The* ***Play and Copy from Video Vault*** *buttons are enabled when the selected video events have already been archived on EntraPass Video Vault.*

3 Select the video server that you want to include in the search. You can select **All video servers** if you want to search through all video servers defined in the system.

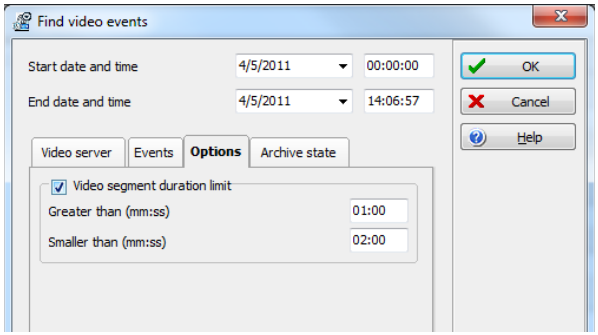


NOTE: *If an event was registered by more than one video server, at least one of the servers must be selected for the event to be included in the list.*

4 Select the **Events** tab to filter events to be included in the report. If you select **All events,** all the specific events will be checked.

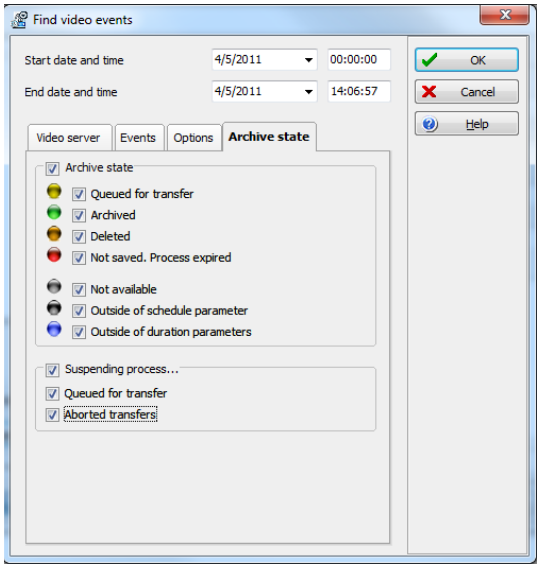


5 Select the **Options** tab to filter video segments according to their duration.



6 Check the **Video segment duration limit** option, then enter the duration in the **Greater than (mm:ss)** and **Smaller than (mm:ss)** fields. The value entered is in minutes and seconds. This feature allows you to target video segments meeting specific duration criteria.

7 Select the **Archive State** tab to filter events according to the archive status.

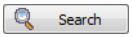
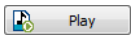
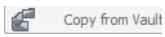
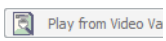
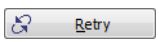
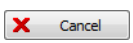


8 Check the **Archive State** option if you want to specify which events will be included in the filter. If you want to include all events, leave these options unchecked.

9 Click **OK** to go back to the **Video event list** window.

NOTE: *The* **Play and Copy from Video Vault** *buttons are enabled when the selected video event has been archived on EntraPass Video Vault. Archived events are identified by a green flag.*

10 Do one of the following using the buttons described bellow:

Button	Use description
	Use this **Search** button to search for events associated with a video segment. For details, *see "Finding Video Events" on page 8*.
	Use the **Play** button to view a video event. When you click this button, the Video desktop displays the video event. If only one camera was used, which is most often the case, the system displays the duration of the video event. If the video event was recorded by more than one camera on a single server, the video server will use the most optimal display layout. If the video event was registered by more than one server, it is possible to select a specific video server. For example, 2x2 for a maximum of 4 camera, 3x3 for a maximum of 9 camera and 4x4 for a maximum of 16 cameras. For events with various length, events will be played based on the longer event. Note that this feature shows limitations when used in systems not configured for continuous recording as it will not display cameras involved outside the selected time frame.
	The **Copy from Vault** button allows operators to retrieve video segments that have been archived on EntraPass Video Vault.
	The **Play from Vault** button enables operators to view a video event that has been archived on EntraPass Video Vault
	The **Retry aborted** button enables operators to trigger any archiving process that was suspended.
	Use the **Menu** button to display the buttons in the lower part of the window and the **Legend** button to display a legend about the status of the displayed video recording events.
	The KVI (Kantech Video Intellex), KVA (Kantech Video AVI), IMG, AVI and PS formats are available for your **Export** needs. These formats allow users to store all the data relative to a video event such as the event icon or key frame, description, etc.
	The **Save** button is enabled when an operator enters data in the **Comment** field. It enables operators to save comments associated with a video event.
	The **Cancel** button is enabled when the **Comment** field is modified. It enables operators to discard the comment and to go back to the previous value.

Playing Video Segments

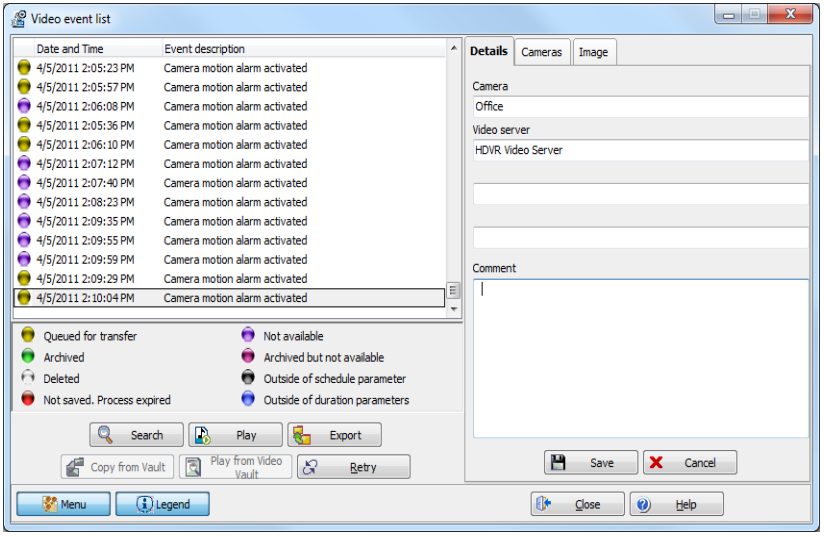
The Video Event List window is divided in two panes: the left-hand pane displays all video events that were retrieved according to the search criteria. The lower pane of the window displays the

legend explaining the status of each event. It also contains buttons that enable operators to perform operations on video recordings. The right-hand pane contains three tabs:

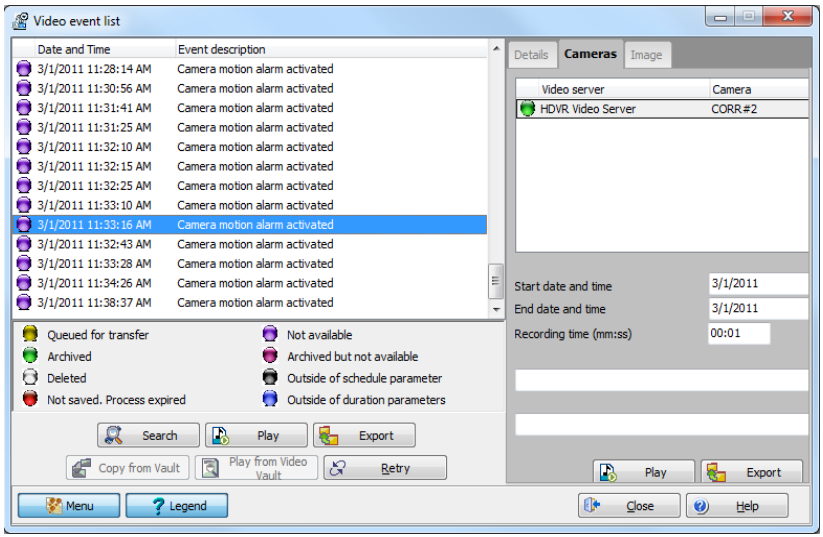
- The **Details** tab displays the text description of the video event such as the video server that recorded the event, the operator who was logged on, etc.
- The **Cameras** tab shows cameras that are associated with a selected event.
- The **Image** tab contains the key frame for the video sequence. The key frame serves as preview of the video sequence. It is from this pane that you can associate a video key frame and link it to the video segment.

NOTE: *Video recordings can be streamed from the left-hand pane (**Play** button) or from the **Camera** tab. You can also view camera recordings from the **Message** desktop. To do so, you have to select a video recording event (identified by a camera icon in the Message desktop), right-click it and select* **Video recording > Play** *from the shortcut menu.*

1 From the Video event list, select an event, then click the **Play** button. The video clip appears in the Video Playback window.



2 You may select the **Cameras** tab to view information about the camera that captured the selected event.



- **Start/End dates and times** when the recording event occurred.
- **Recording time (mm:ss)**: duration of the video segment. This duration is specified when defining recording parameters (**Video** menu > **Recording parameters**).
- **Video trigger**, if any: the video trigger is defined in the **Video trigger** menu and then selected in the **Recording parameters** definition.

NOTE: *The status indicator next to the video server name indicates the current connection status of the server.*

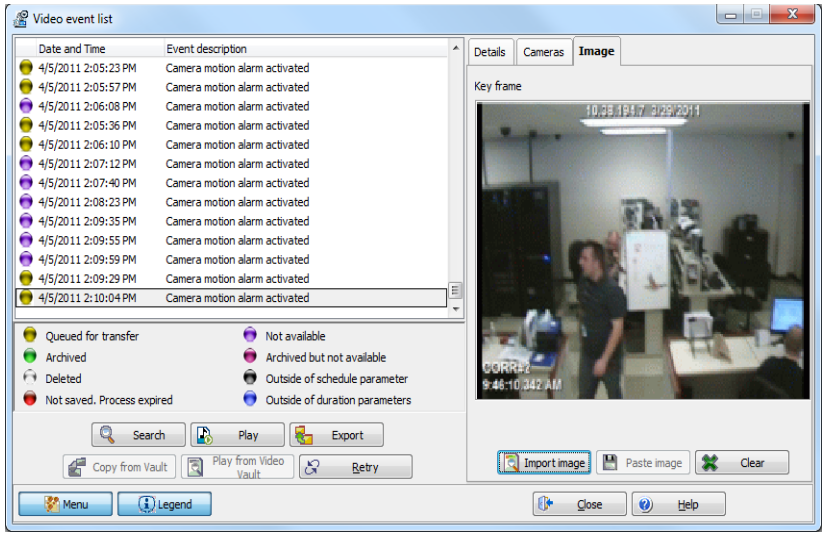
3 You can:

- Click the **Play** button to view this video segment of the selected camera for the duration of the recording. The video appears also in the Video desktop (**Desktop** menu)
- Click the **Export** button to export it for future use. For details, *see "Exporting Video Files" on page 14*.

Linking Video Clips with Key Frames

EntraPass users have the ability to save a still image that best represents a video sequence linking this image to the whole video recording. This may be useful for example if one event was registered by more than one camera and you want to associate the recording with a more explicit image. Viewing the video event will enable users to identify the best image for this video event, to snap it, paste it and save it as the best sequence for the video clip. It is also possible to retrieve a previously saved image and to link it to a video segment, or to paste a previously snapped image.

1 From the **Video event list**, select an event, then click the **Image** tab (right pane).



2 From the image window, you can:

- **Import image**: click the **Import** button to retrieve a previously saved or exported image from a file.
- **Paste image**: click this button to paste a previously snapped image. The **Paste image** button is enabled only when you have snapped (copied) an image while viewing it. You can first play a video clip, snap it and then paste it.
- **Clear**: click the clear button to delete the displayed image from view.

Exporting Video Files

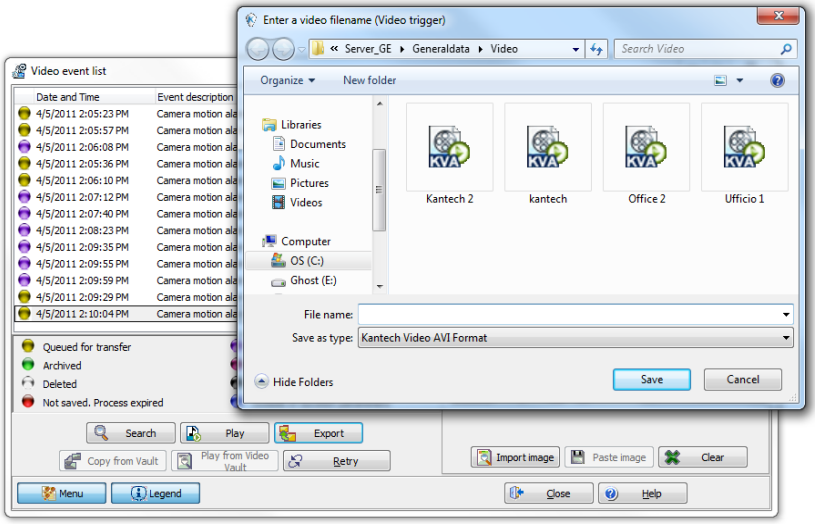
EntraPass exports video segments in four formats: KVI and KVA.

- KVI (Kantech Video Intellex format). Video data are stored in Intellex format (.img). A simple double-click allows you to view the file using VideoPlayerIntellex.exe.
- KVA (Kantech Video AVI format). Video data are stored in AVI format (.avi). A double click opens the video file using VideoPlayerWindow.exe.
- AVI format
- IMG format
- PS format

EntraPass users have two options when exporting videos:

- From the Video event list (without previewing the video)
- From the video playback window: in this case, the video is previewed before it is exported.

1 From the video event list, select the video event you want to export.



2 Click the **Export** button. The **Enter a video filename** window opens.

3 Enter a file name in the **File name** field. By default, the file is assigned the Kantech KVI format.The file will be saved among EntraPass program files:\Kantech\Server-GE\Video. Later you can call this file simply by double-clicking it.

NOTE: *Video files can be viewed in the* ***Exported video*** *window (****Video*** *tab > **Exported video**). The video file is displayed with its name, date and time. Key frames (if any) associated with a video clip can also be previewed in this window.*

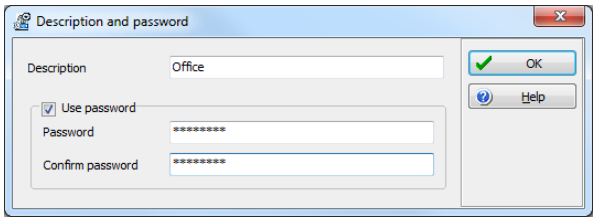
4 Click **Save** to close the **Enter filename** window. When you do this, the **Description and password** window appear.

Protecting a Video with a Password

You can protect exported videos using a password. Users must enter this password to view exported videos.

NOTE: *The password protection is applicable to KVI and KVA video formats only.*

1. Select the video you want to export, then click the **Export** button.
2. Enter a description for the video segment, in the Enter Video filename window, then click **Save**. The Description and password window appears.



3. Check the **Use password** box if you want to add more security to this video segment. Users will have to enter this password in order to view the saved video segment.
4. Enter a password and confirm the password in the displayed field.
5. Click **OK** to close the Description and password window. Click **OK** to close the system message confirming the export.

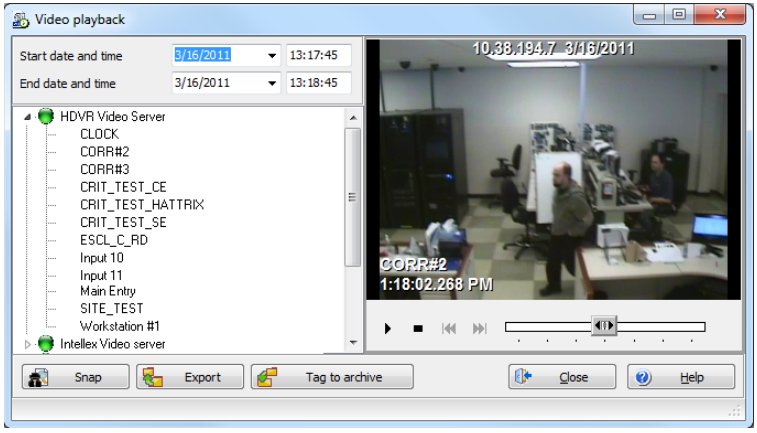
Video Playback

The Video Playback feature offers the ability to view recorded video of up to 16 cameras simultaneously. To do so, you have to specify the period of time for the playback. A maximum of one hour is allowed:

- Select cameras in the left-hand pane
- Drag and drop them into the View playback area.

Viewing a Video Playback

1. From the Video playback window, specify the **Start date** and **time** and **End date** and **time** for the video you want to view. The maximum allowed is 1 hour. Therefore you may stream video events that occurred on the same date and for a maximum of one hour.



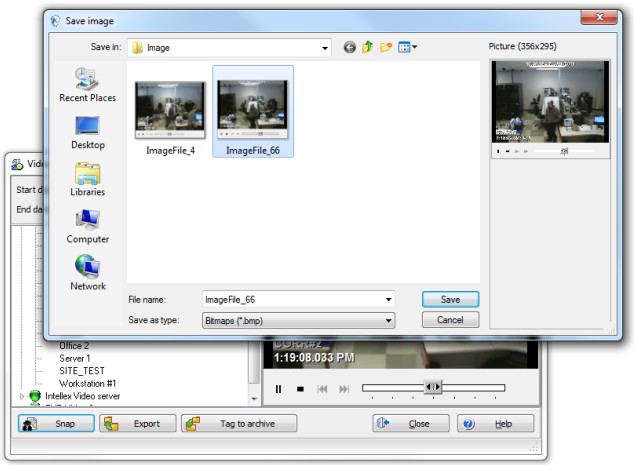
2 From the left-hand pane, select a camera then drop it into the right pane. It plays for the time specified in the start and end time. Use the controls in the lower part of the Playback window (right pane) to play, fast forward, rewind or stop the video playback.

NOTE: *If the requested video is not available, a message appears in the lower part of the window; the* ***Snap*** *and* ***Export*** *buttons remain disabled. If a video is available, the message Requesting video is displayed.*

- **Snap**: copy the displayed image and save it in the \tmp\image folder and use it as a still image representing the video sequence. Later, the snapped image will automatically appear in the View exported video when browsing the exported videos. It is recommended to add a comment to the snapped image; the comment will appears next to the image.
- **Export**: export the video clip for future usage
- **Tag to archive**: mark the video sequence so that it is queued for archive.

NOTE: *You can drag the slider at the bottom of the right-hand pane to increase or decrease the speed of the video clip your are playing.*

3 To save a specific video image, click the **Snap** button.



4 Accept the default name or enter a specific name for the video recording. The video recording is saved in: Program files\Kantech\Server_GE\Tmp\Image. The video image can then be viewed using a Windows® image viewer such as Paint. Simply, double-click the video image to view it.

NOTE: *For the TVR II, the video sequence can only be played forward. That is why the slider can be moved to the right side only. Also, a new button has been added to jump 30 seconds before the begining of the current sequence.*

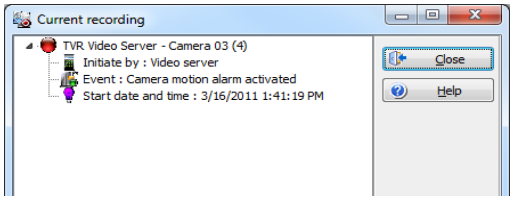
Current Recording

The Current recording feature allows users to view the list of all on-going recordings. The information displayed depends on the source of the recording request:

- Started by a video trigger
- Started by an operator
- Started by an alarm on the video server

Viewing the Current Recordings

1 From the Video toolbar, click the **Current recording** button. The current recording window appears, it shows all on-going recordings.


Current recording
TVR Video Server - Camera 03 (4)
Initiate by : Video server
Event : Camera motion alarm activated
Start date and time : 3/16/2011 1:41:19 PM
Close
Help

The following table shows the information displayed in the Current recording window depending on the source of the recording.

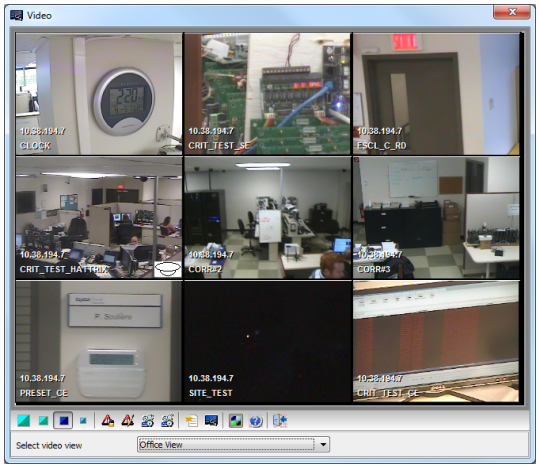
Initiated by	Information
Video server alarm	• Initiated by • Event name • Start date and time
Video trigger	• Initiated by • Video trigger • Recording parameter • Event • Start date and time • Remaining time for the recording
Operator	• Initiated by • Workstation • Operator name • Start date and time • Remaining time for the recording

Video Desktop

The Video Desktop allows operators to display and monitor, in real-time, video cameras configured and connected to the network.

Displaying a Video View

1 From the EntraPass main window, select the **Desktops** tab, then select the desktop dedicated to Video. The Video View window appears in the desktop.



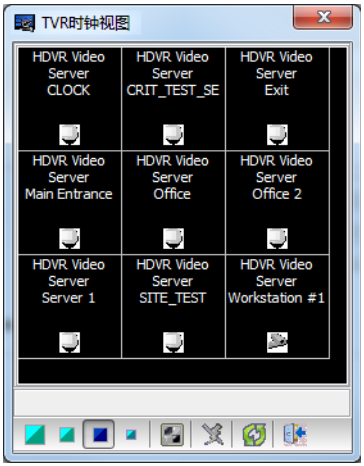
NOTE: *The Video desktop will be empty the first time you open it and "No video view selected" is displayed.*

2 **Select video view** from the drop-down list at the bottom of the window. You can edit the view (**Video view** > select a specific **View** > **Modify Video view components** button).

3 The buttons in the lower part of the window allow you to perform various tasks:

Buttons	Description
	Use these buttons to select a size for the displayed video. **Note**: A bigger image requires more process power. Therefore, selecting a bigger image may result in lower process power.
	These buttons are configured in the Operator security level. They enable operators to perform pre programmed tasks such as viewing video playback with a fixed or variable delay, generating video events with fixed or custom parameters. For details on programing this buttons, *see "Security Level Definition" on page 298*.
	Use these buttons to **Create** and **Edit** video views.
	Use this **Show view selector** button to display a mosaic view of all the cameras, or one of the cameras defined in the system.
	Help and **Close** buttons. These are EntraPass standard buttons.

4 Click the **Show view selector** button to display the View selector window. This small window allows you to so select a specific view or to monitor a specific camera pattern. For instance, if you select a cell in the View selector, the sequence is interrupted to display the selected cell.


TVR时钟视图
HDVR Video Server CLOCK
HDVR Video Server CRIT_TEST_SE
HDVR Video Server Exit
HDVR Video Server Main Entrance
HDVR Video Server Office
HDVR Video Server Office 2
HDVR Video Server Server 1
HDVR Video Server SITE_TEST
HDVR Video Server Workstation #1

NOTE: *When you open the Video view selector while a camera is recording, the camera icon will blink until the end of the recording.*

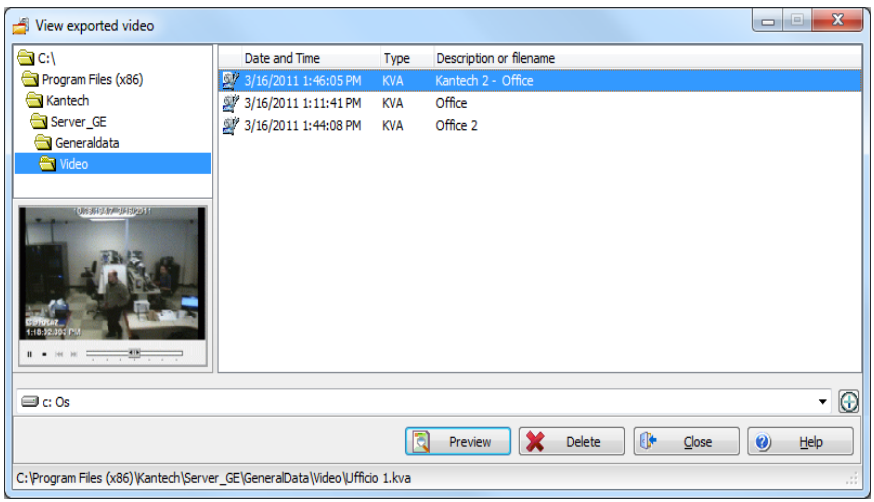
5 From the displayed view, you can click a dome camera icon to display control buttons for this camera (movement, zoom, focus). Available options depend on the Digital Video Management system connected to your system. Please refer to your DVMS documentation for additional information.

NOTE: *If your dome camera is set with pre programmed movement patterns, you can define a view displaying a pattern composed of one or many of these patterns. For more details, see "Video Views Definition" on page 71.*

Exported Video Viewing

EntraPass enables users to view all exported videos. This feature makes it possible to browse the list of all exported videos and to preview a key frame of the exported videos sequence for all KVI and KVA formats. Moreover, users can preview the exported video segment before viewing it.

1 From the Video toolbar, select the **View exported video** icon. The Video folder opens automatically, with the list of all exported video sequences that have been exported.



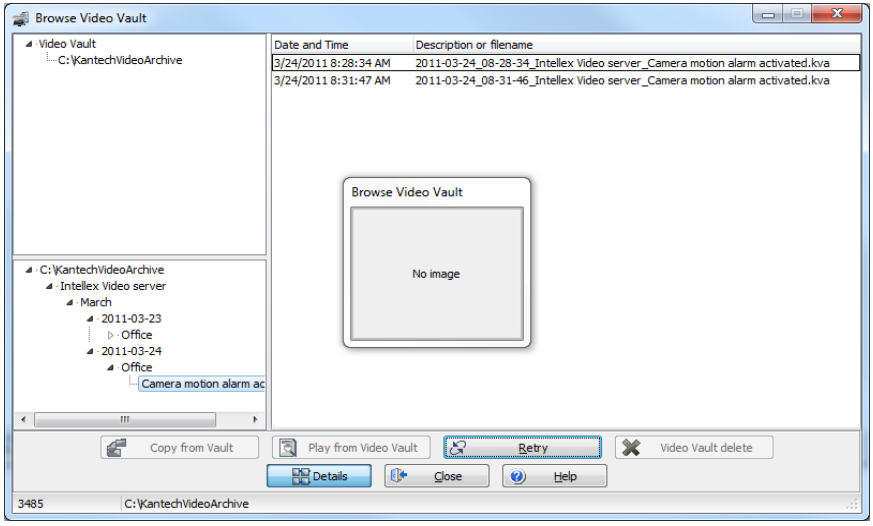
2 Select a video sequence. The video thumbnail appears in the lower left part of the window. The directory contains the **Date and Time** the video was taken, the video file format (**Type**) and the **File Name**. You can then click the **Preview** button for details about the exported video.

EntraPass Video Vault Browsing

EntraPass Video Vault offers an easy way for preserving important video data for future reference. In fact, video recordings have a limited life span depending on the video server settings and capability. Moreover, since video recordings require a great amount of disk space, using an archive management tool such as EntraPass Video Vault enables organizations to better manage and easily retrieve video contents. The archiving activity is monitored from the EntraPass Video Vault user interface. The Browse EntraPass Video Vault interface offers a Windows-like navigation pane that enables operators (with appropriate permission) to play video segments archived on EntraPass Video Vault.

Viewing Video Segments Archived in the EntraPass Video Vault

1 From the Video main window, select the Browse Video Vault button.

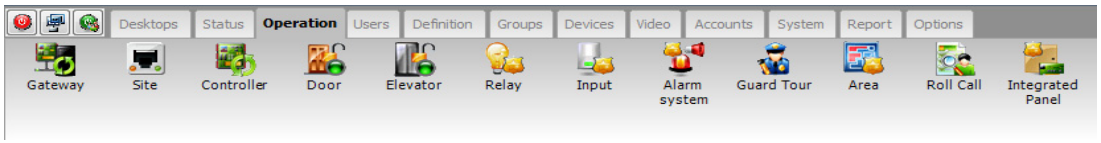


2 To view a specific segment, select a video segment, then click the **Play from Video Vault** button.

Operations

The Operation Toolbar

Under the **Operation** toolbar, operators will be able to perform manual operations on various system components (gateway, site, controllers, third party hardware, etc.) such as manually resetting or monitoring devices, disabling readers, etc. Manual operations are used to override schedules or process special requests, when necessary. When you launch a manual operation on a component, it is possible to view the status of the selected components in real-time. You can also edit components by accessing the component directly from the operation window.



The Operation Dialogs

All operation dialogs have a series of icons in their window. Series of icons will only appear in specific operation dialogs. The five buttons described below appear in all operation dialogs.

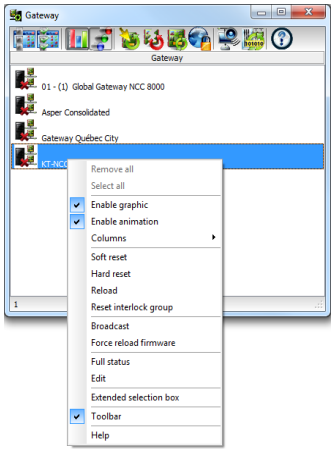
Icon	Description
	Select All is used to select all the items or components displayed in the list.
	Unselect All is used to unselect all the items or components that were previously selected in the list.
	Enable Graphic displays the image related to the selected component (i.e.: door) and will also display the associated components (i.e.: reader). To display in real-time, this button must be used with the **Enable animation** button.
	Enable Animation will automatically enable the **Enable graphic** button. This will activate the current component (i.e.: door) and will display its status in real-time.
	Help will open the On line help corresponding to the window you are currently navigating.

NOTE: *A hint is displayed when you move your cursor over a button. It gives details about the operation to be performed.*

The Operations Contextual Menu

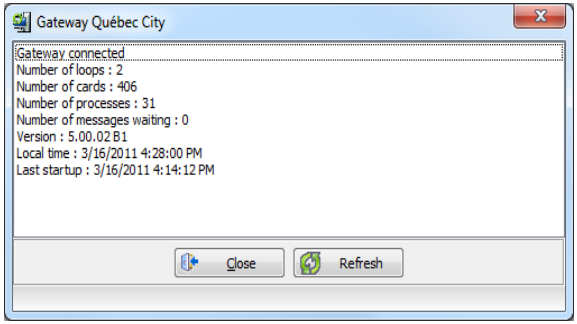
You will be able to access a contextual menu by right clicking within the list in any operation window. The items in the popup menu correspond to the icons in the operation window toolbar. Three additional options can be found in the popup menu, when you access it from the Gateway, or the Site, the Guard Tour State or the Area operation window.

- **Full status:** Opens a status window that contains the current information corresponding to the component you selected in the list. For more details, *see "The Component Status Dialog" on page 24*.
- **Edit:** Opens the window corresponding to the selected component to allow editing.
- **Extended selection box:** Opens the Extended selection box dialog that allows you to search for a specific component.



The Component Status Dialog

A message window that contains the gateway, guard tour state, area status and site messages can be accessed by right-clicking within the corresponding operations window under the **Operation** tab, and selecting **Status** in the contextual menu.


Gateway Québec City
Gateway connected
Number of loops : 2
Number of cards : 406
Number of processes : 31
Number of messages waiting : 0
Version : 5.00.02 B1
Local time : 3/16/2011 4:28:00 PM
Last startup : 3/16/2011 4:14:12 PM
Close
Refresh

In the example above, the information is listed for a Global gateway. We have listed some of the information that can appear in that window.

Parameter	Description
Gateway status	Indicates if the gateway is connected or not.
Number of sites/ loops	Indicates the number of sites/loops for this gateway.
Number of cards	Indicates the number of cards processed by this controller
Number of processes	Indicates the number of processes
Total RAM memory	Indicates the total amount of RAM memory on the disk.
Free memory	Indicates the total amount of available disk space.
Total RAM disk space	Indicates the total amount of RAM.
Free RAM disk space	Indicates the total amount of available RAM.
Jumper J3	Indicates the J3 status. **Present**: Jumper J3 is active **Absent**: Jumper J3 is not active (may be missing from the board)
Jumper J2	Indicates the J2 status. **Present**: Jumper J2 is active **Absent**: Jumper J2 is not active (may be missing from the board)
Version	Indicates the software and hardware version number.
eBoot Version	Indicates the eBoot version number.
Local Time	Indicates the controller's current local time.
Last startup	Date the last system startup was performed.

NOTE: *The information displayed in the status window corresponds to your configuration and will be different whether you access it from a gateway, a site, a guard tour or an area operations window.*

Manual Operations on Sites

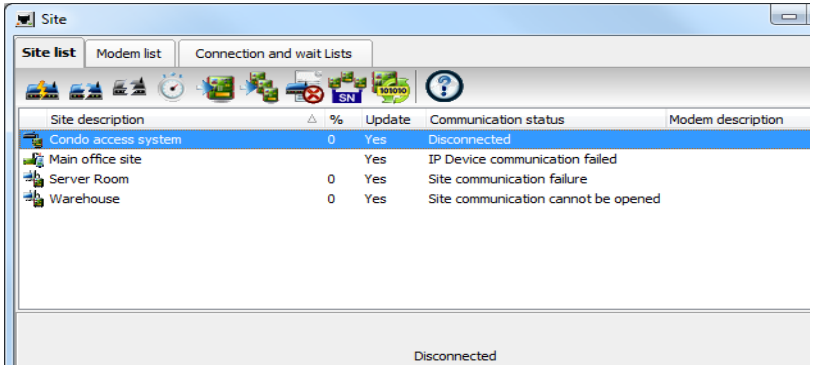
The manual operations on site feature is used to poll unassigned controllers. For example, when a controller has been added in the system without a serial number, you can use this command to get the controller serial number. This feature applies to Corporate and Global Gateways only.

Icon	Description
	Connect to remote site: Click to connect to a remote site using a pre-configured dial-up connection.
	Disconnect remote site: Click to **close** the connection between this EntraPass workstation and the remote site.
	Force disconnect site: Force disconnect remote site immediately, even if the system is reloading. This option is only available in a Multi-site Gateway.
	Disable remaining time: Click to stay connected until clicked again. This action disables preset connection remaining time. This action bypasses any idle time.
	Update remote site: After selecting site, click to connect and update parameters.
	Update all remote sites: Click to connect and update parameters on all sites starting with the first site on the list.
	Remove site from connect and wait list: Select a site then click to suspend connection after all sites had been set for update.
	Reload IP Link firmware: will force a reload of the selected Kantech IP Link firmware. ***NOTE:*** *For security reasons, the System Administrator may disable this icon.*
	Broadcast IP Device: will send a signal to the selected Kantech IP Link and also the KT-400 IP Secure.

NOTE: *A hint is displayed when you move your cursor over a button. It gives details about the operation to be performed.*

Performing Manual Operations on a Site

1 From the **Operation** window, click on the **Site** icon to open the Site window, then select the gateway to which the site is connected.



2 To poll a controller that is not assigned, click the **Controller** icon. A message is sent to an unassigned controller, asking it to identify itself. When the controller receives the call from the site, it sends an acknowledgement message in the Message desktop.

3 You may select the Message desktop to view the controller serial number.

NOTE: *The % column shows the communication performance of a selected site. If the percentage is too low (below 75% for instance), it may indicate that the site is not communicating efficiently. Communication problems may stem from various reasons such as interferences, damaged cables, etc.*

Communication Status Messages Available in the List

The messages in the list area of the dialog indicate the site/loop communication status. In the following example, you will see communication status messages for KT-NCC, Global and Multi-site Gateways.

KT-NCC and Global gateways

Message	Description
Site/Loop Communication OK	All controllers on the loop communicate with the gateway.
Site/Loop Communication Trouble	At least one controller on the loop is not communicating with the gateway.
Site/Loop Communication Failure	None of the controllers on the loop can communicate with the gateway.
Site/Loop Communication Cannot be Opened	The gateway cannot open the communication port.

Multi-site Gateways

Message	Description
Site Communication OK	All site controllers can communicate with the gateway.
Site Communication Trouble	At least one of the site controllers can't communicate with the gateway.
Site Communication Failure	Communication failed between the site controllers and the gateway.
Site Communication Cannot be Opened	The gateway cannot open the communication port.

Manual Operations on Doors

This dialog allows an authorized operator to manually modify the state of a door or group of doors.

Operators can manually lock/unlock a door, temporary lock/unlock a door or group of doors, and enable/disable readers on selected doors.

Icon	Definition
	Lock door or group of doors: will manually lock the selected door or group of doors.
	Unlock door or group of doors: The selected door or group of doors will be manually unlocked and will remain unlock until the next valid change of the unlocking schedule or an operator manually locks the door or group of doors
	Temporarily lock/unlock door or group of doors: Temporarily unlocks a door or group of doors for a preset delay. Once the delay expires, the door or group of doors re-lock automatically.
	Return to schedule: Will re-apply the locking schedule for a door or a group of doors.
	Enable card reader: Will enable a previously disabled door reader.
	Disable card reader: Will disable a door reader and user will not be able to access that door, even if they have access rights.
	Arm door (Multi-site Gateway with KT-400 only): Does a Request to arm on the alarm panel.
	Disarm door (Multi-site Gateway with KT-400 only): Does a Request to disarm on the alarm panel.

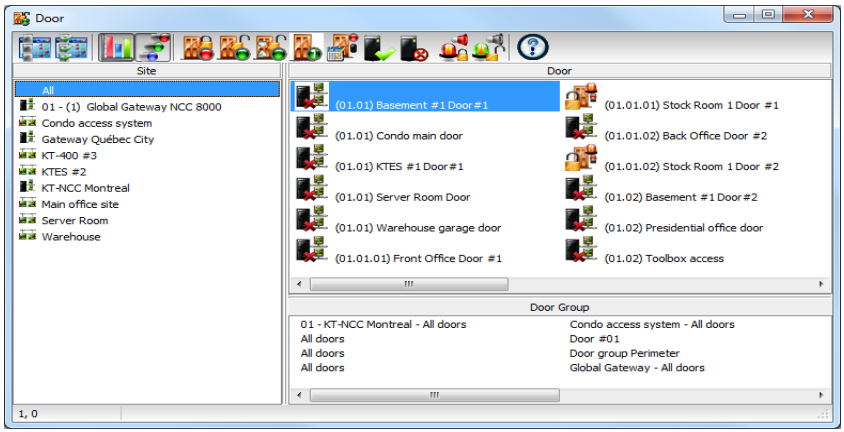
NOTE: *A hint is displayed when you move your cursor over a button. It gives details about the operation to be performed.*

There are various reasons why you would want to perform one of these operations; for example you may need to “disable a reader” for a short period in order to deny access to the door, etc. This operation allows an operator to lock a door that was previously unlocked by an operator or a schedule. When a door is manually locked through the Operation menu, it remains locked until:

- The presentation of a valid card (will re-lock after access), or
- The next valid change of the automatic unlocking schedule (for a door defined with an unlocking schedule), or
- An operator manually unlocks the door.

Selecting a Door or a Door Group

1 From the Operations window, select the **Door** icon. The Door window appears.



2 Click the **Enable animation** icon to view a real-time display of the door status.

- The left-hand pane displays the list of all **Sites/Gateways**. You may select all or select one site/gateway. The individual doors associated with the site/gateway selected on the left are displayed in the top right side of the pane. If you select **All** on the left, all doors in the system will be listed on the right. You can select one, several or all doors.

NOTE: *If only one site or gateway is defined in the system, the site or gateway list window will not appear on the Controller window.*

- **Door groups** associated to the site/gateway selected on the left are displayed at the bottom right side of the pane. If you select **All** on the left, all door groups in the system will be listed at the bottom right. You can select one or several or all groups.

Locking a Door Manually

1 In the Door dialog, select desired door(s) or door group.
2 Click the **Lock-door** icon in the toolbar.

Unlocking a Door Manually

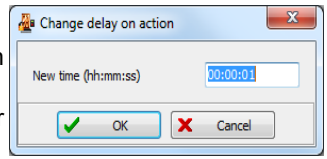
1 In the Door dialog, select desired door(s) or door group.
2 Click the **Unlock-door** icon in the tool bar. The selected door(s) will be manually unlocked. The system will prompt for operator confirmation. A door defined with an automatic unlocking schedule will remain unlocked until:

- The next valid change of the unlocking schedule, or
- An operator manually locks the door.

Unlocking a Door Temporarily

EntraPass allows you to temporarily unlock a door for a preset delay. Once the delay expires, the door re-locks automatically. You can use this option in cases where you need to grant access to a user who does not have a card or has forgotten his/her card.

NOTE: *The maximum unlock time: 4:15 (255 seconds).*



1. Click the **Temporarily unlock** icon. The Change delay on action dialog will popup.
2. Enter the **New time** delay (m:ss) and click **OK**. The selected door will be temporarily unlocked by an operator.

NOTE: *If a door contact is installed, the door will re-lock as soon the system sees a "door open-door closed" transition. There is no "Animation" for this type of operation.*

Resetting a Door Schedule

EntraPass allows you to reset a door schedule after a manual operation has been performed on a component.

1. In the Door dialog, select desired door(s) or door group.
2. Click the **Return to Schedule** button. This option will reset the schedule for the selected components.

Enabling a Door Reader

1. In the Door dialog, select desired door(s) or door group.
2. Click the **Reader-enable** button. This option enables a previously disabled door reader.

Disabling a Door Reader

1. In the Door dialog, select desired door(s) or door group.
2. Click the **Reader-disabled** button. This option disables a previously enabled reader. Disabling a reader prohibits users from accessing the door, even if access rights have been granted.

Manual Operations on Elevator Doors

This dialog allows an authorized operator to manually lock, unlock or temporarily unlock elevator floors. The window will also display, in real-time, the status of the selected elevator door(s).

How Elevator Access Is authorized

- The cardholder pushes an "up/down" button, the elevator door opens,
- The cardholder presents its card at the reader (usually inside the cab),
- The system checks if the schedule assigned to this door is valid. If yes, the system checks which floor group is associated to this door,
- Then the system verifies each floor of the floor group (in the floor group menu) and checks if the schedule associated to each floor of the group is valid or not valid.

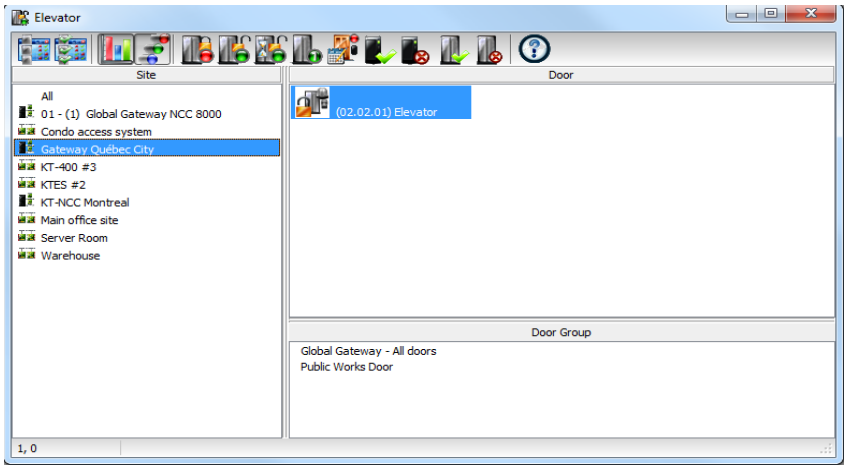
- Only floors that have a valid schedule will be available for selection by the user (the elevator panel will enable the buttons corresponding to the floors).

Icon	Definition
	Lock elevator floor or group of elevator floors: will manually lock the selected elevator floor or group of elevator floors.
	Unlock elevator floor or group of elevator floors: The selected elevator floor or group of elevator floors will be manually unlocked and will remain unlock until the next valid change of the unlocking schedule or an operator manually locks the elevator floor or group of elevator floors.
	Temporarily lock/unlock elevator floor or group of elevator floors: Temporarily unlocks an elevator floor or group of elevator floors for a preset delay. Once the delay expires, the elevator floor or group of elevator floors re-lock automatically.
	Return to schedule: Will re-apply the locking schedule for a door or a group of doors.
	Enable card reader: will enable a previously disabled reader.
	Disable card reader: will disable a reader and users will not be able to access any elevator floor, even if they have access rights.
	Enable elevator floor: will enable a previously disabled elevator floor or floor group.
	Disable elevator floor: will disable an elevator floor or floor group and users will not be able to access that elevator floor or floor group, even if they have access rights.

NOTE: *A hint is displayed when you move your cursor over a button. It gives details about the operation to be performed.*

Selecting an Elevator Door

1 From the **Operations** menu, select the **Elevator door** icon.



2 Click the **Enable animation** icon to view a real-time display of the elevator door status.

- The left-hand pane displays the list of all **Sites/Gateways**. You may select all or select one site/gateway.
- The individual elevator doors associated with the site/gateway selected on the left are displayed in the top right side of the pane. If you select **All** on the left, all elevator doors in the system will be listed on the right. You can select one, several or all elevator doors.
- **Elevator door groups** associated to the site/gateway selected on the left are displayed at the bottom right of the pane. If you select **All** on the left, all elevator door groups will be listed at the bottom right. You can select one or several or all elevator door groups.

Locking Floors from Elevator Doors

1 Select an elevator door or a group of elevator doors.

2 Click the **Lock** icon in the toolbar. This command will manually lock the floor group that was previously unlocked by an operator or a schedule.

NOTE: *A door defined without an unlocking schedule will only be locked by a manual command. To lock all floors that were previously unlocked, use the* **Unlock** *option in the Manual operation on doors menu.*

Unlocking Floors from Elevator Doors

1 Select an elevator door or a group of elevator doors.

2 Click the **Unlock elevator floors** icon in the toolbar to unlock a previously locked floor. This command will only enable the elevator floors that are defined with an “X” in the “” column of the Floor group Definition menu. If you do this, the system will prompt the you to select a floor

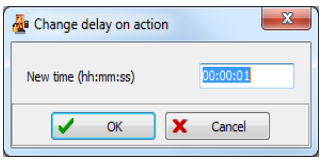
group that should be unlocked (available). Once the group is selected, the system will prompt the operator to confirm the operation.

NOTE: *For a door defined with an "automatic unlocking schedule", floors will remain available until the next valid change of the unlocking schedule, or an operator manually locks the door.*

NOTE: *A door defined without an unlocking schedule will only be locked by a manual command. To lock all floors that were previously unlocked, use the Unlock option in the Manual operation on doors menu.*

NOTE: *When a manual unlocking operation is completed, only floors that are defined with an "X" in the "" field of the Floor Group Definition menu will be available for selection. Also, when communication is lost and the controllers are working in stand-alone mode, only the floors marked with an "X" will be available for selection and the access schedule will be ignored.*

Unlocking Floors from Elevator Doors Temporarily



EntraPass allows you to temporarily unlock a floor from an elevator door for a preset delay. Once the delay expires, the elevator door re-locks automatically. The maximum unlock time: 4:15 (255 seconds).

1. Click the **Temporarily unlock** icon. The Change delay on action dialog will popup.
2. Enter the **New time** delay (m:ss) and click **OK**. The selected elevator floor will be temporarily unlocked by an operator.

NOTE: *This command will only temporarily enable the elevator floors that are defined with an "X" in the "" column of the "Floor group Definition menu" (available for selection).*

NOTE: *There is no "Animation" for this type of operation. To temporarily unlock all floors, use the "temporarily unlock door" option in the "manual operation on doors" menu.*

Resetting an Elevator Door Schedule

EntraPass allows you to reset an elevator door schedule after a manual operation has been performed on a component.

1. In the Elevator door dialog, select desired elevator door(s) or door group.
2. Click the **Return to Schedule** button. This option will reset the schedule for the selected components.

Enabling an Elevator Floor

1. In the Elevator floor dialog, select desired floor(s) or floor group.
2. Click the **Enable elevator floor** button. This option enables previously disabled elevator floors or floor group.

Disabling an Elevator Floor

1. In the Elevator door dialog, select desired floor(s) or floor group.
2. Click the **Disabled elevator floor** button. This option disables a previously enabled elevator floor. Disabling a floor prohibits users from accessing the floor, even if access rights have been granted.

Manual Operations on Relays

Use this menu to manually change the state of a relay or group of relays. You can activate/deactivate and temporarily activate relays or group of relays manually. The window will also display, in real-time, the status of the selected relay(s).

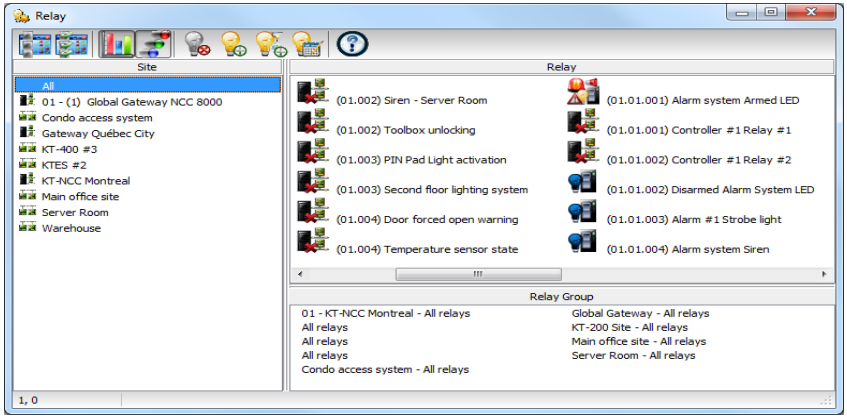
This feature allows to manually turn off a relay; for example, when an input programmed to activate a relay goes in alarm in unknown conditions.

Icon	Definition
	Deactivate relay: allows an operator to deactivate a relay which was previously activated by an operator, event, schedule or input in alarm.
	Activate relay: activate a relay which was previously deactivated by an operator, event, schedule or input in alarm.
	Temporarily activated relay: Temporarily activate a relay or group of relays for a preset delay.
	Return to schedule: Will re-apply a schedule after a manual operation was performed on a component.

NOTE: *A hint is displayed when you move your cursor over a button. It gives details about the operation to be performed.*

Selecting Relays

1 From the Operation window, select the **Relay** icon.



2 Click the **Enable animation** icon to view a real-time display of the relay status.

- The left-hand pane displays the list of all **Sites/Gateways**. You may select All or select one site/gateway.
- The individual relays associated with the site/gateway selected on the left are displayed in the top right side of the pane. If you select **All** on the left, all relays in the system will be listed on the right. You can select one, several or all relays.
- **Relay groups** associated to the site/gateway selected on the left are displayed at the bottom right side of the pane. If you select **All** on the left, all relay groups in the system will be listed at the bottom right. You can select one or several or all groups.

Deactivating a Relay Manually

1 Select a relay or a group of relays.
2 Click the **Deactivate Relay** icon.

NOTE: *If you manually deactivate a relay that is usually activated according to a schedule, it will remain deactivated until its reactivation schedule becomes valid. This means that if a relay needs to be activated according to a schedule and you deactivate it, remember to reactivate it again for the remaining scheduled time, because one relay can be defined for various components of the system; its activation or deactivation will relate to its configuration within these components.*

Activating a Relay Manually

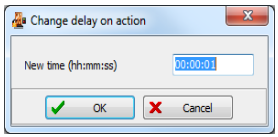
1 Select a relay or a group of relays.
2 Click the **Activate Relay** icon. The selected relay(s) will be activated. This operation allows an operator to activate a relay which was previously deactivated by an operator, event, schedule or input in alarm.

Activating a Relay Temporarily

1 In the right-hand pane, you may select a relay in the upper part of the window, **All Relays** in the lower part of the window.

2 Click the **Activate relay temporarily** icon. The Change delay on action window will popup on screen.

3 Enter the **New time** delay (m:ss) and click **OK**. The selected relay will be temporarily activated by an operator.



NOTE: *The selected relay(s) will be temporarily activated. This is useful for an operator who would like to activate temporarily a relay which was previously deactivated by an operator, event, schedule or input in alarm. The system displays a message box requesting that a temporary activation delay, is entered. When this delay is over, the relay will be deactivated automatically.*

Resetting a Relay Schedule

EntraPass allows you to reset a relay schedule after a manual operation has been performed on a component.

1 In the Relay door dialog, select desired relay(s) or relay group.

2 Click the **Return to Schedule** button. This option will reset the schedule for the selected components.

Manual Operations on Inputs

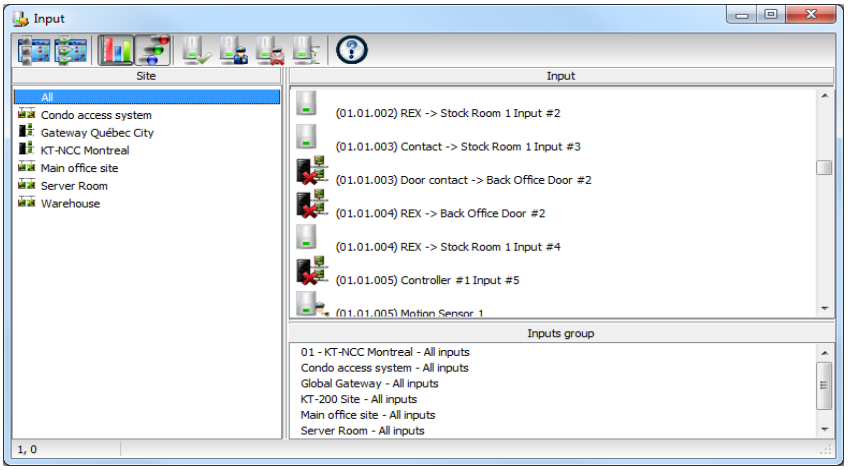
This dialog allows you to bring an input back to its normal state, or to stop monitoring an input, or monitor a specific input at all times, or to perform a temporary shunt on a selected input, if it had been previously modified from its original state as setup in the Device menu.

Icon	Definition
	Input normal: returns an input to its normal state as setup in the Device menu.
	Input continuous supervision: will monitor the selected input at all times.
	Input with no supervision will terminate the input monitoring, regardless of its schedule, and will start monitoring with the next pre-defined schedule.
	Input no supervision temporarily (Shunt): will stop input monitoring for a pre-set period of time.

NOTE: *A hint is displayed when you move your cursor over a button. It gives details about the operation to be performed.*

Performing Manual Operations on Inputs

1 From the Operation window, select the **Input** icon.


Input
Site
Input
All
Condo access system
Gateway Québec City
KT-NCC Montreal
Main office site
Server Room
Warehouse
(01.01.002) REX -> Stock Room 1 Input #2
(01.01.003) Contact -> Stock Room 1 Input #3
(01.01.003) Door contact -> Back Office Door #2
(01.01.004) REX -> Back Office Door #2
(01.01.004) REX -> Stock Room 1 Input #4
(01.01.005) Controller #1 Input #5
(01.01.005) Motion Sensor 1
Inputs group
01 - KT-NCC Montreal - All inputs
Condo access system - All inputs
Global Gateway - All inputs
KT-200 Site - All inputs
Main office site - All inputs
Server Room - All inputs
1, 0

2 Click the **Enable animation** icon to view a real-time display of the relay status.

- The left-hand pane displays the list of all **Sites/Gateways**. You may select **All** or select one site/gateway.
- The individual input associated with the site/gateway selected on the left are displayed in the top right side of the pane. If you select All on the left, all inputs in the system will be listed on the right. You can select one, several or all inputs.
- **Input groups** associated to the site/gateway selected on the left are displayed at the bottom right side of the pane. If you select **All** on the left, all input groups in the system will be listed at the bottom right. You can select one or several or all input groups.

Returning an Input to Its Normal State Manually

This option is used in cases where an input status has been modified by an operator and you want to return the input to its normal state. For example, if an input is assigned a monitoring schedule in its definition and an operator has reversed the state of the input making it “not supervised”, it can be returned to its normal state using this button.

1 Select an input or a group of inputs.

2 Click the **Input normal icon**. The selected input returns to its normal state as defined in the **Device** menu.

Setting Up Continuous Input Supervision

You will use this feature to monitor an input at all times. This option can only be setup manually.

1 Select an input or a group of inputs.

2 Click the **Input continuous supervision** icon.

Stopping Monitoring an Input

You will use this option to terminate the input supervision, regardless of its schedule (if defined).

1 Select an input or a group of inputs.

2 Click the **Input no supervision**. The selected input will not be monitored.

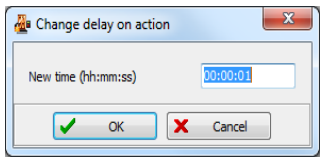
Stopping Input Supervision (Shunt) Temporarily

You will use this option when you want the system to bypass a specific input, for a specific period of time.

1 To temporarily shunt an input, select the input, then click the **Temporarily shunt** icon. The input will not be monitored temporarily.

2 Click the **Input no supervision temporarily.** The Change delay on action dialog will popup.

3 Enter the **New time** delay (m:ss) and click **OK**. An icon next to the input will indicate that it is temporarily shunt. If an alarm occurs, or if the input is disconnected, no message will be sent to the desktop Message list.



Manual Operations on Alarm Systems

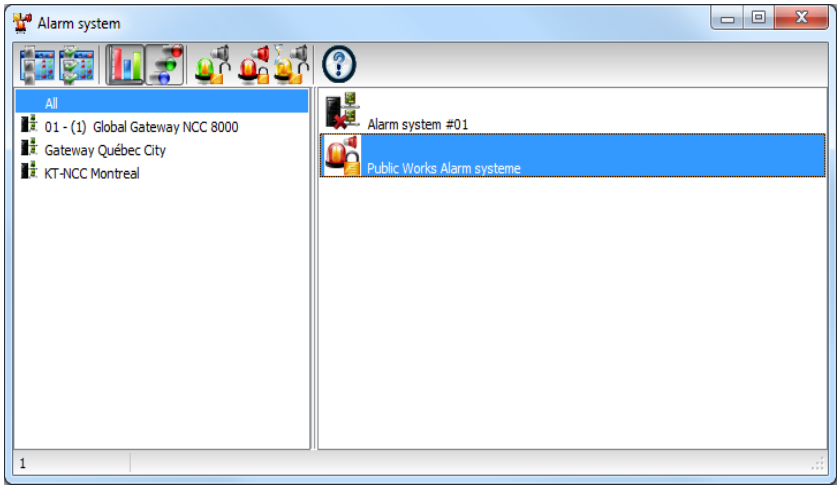
This menu allows you to manually change the state of an alarm system. You can arm, disarm or modify the postponement delay time of an alarm partition. The Alarm systems menu is only used under Global and NCC8000 Gateways.

You can also visualize the remaining time for the entry, exit, arm request or arm postponement delays, under way for any of the alarm partitions.

NOTE: *It is not possible to "postpone" an alarm partition from this window, it can only be done at a reader using a card.*

Performing Manual Operations on an Alarm System

1 From the Operation window, select the **Alarm system** icon.



2 Click the **Enable animation** icon to view a real-time display of the alarm system status.
- The left-hand pane displays the list of all system gateways. You may select All or select an individual gateway.
- The individual alarm system associated with the gateway selected on the left are displayed in the right pane. If you select All on the left, all alarm systems will be listed on the right. You can select one, several or all alarm system.

Arming an Alarm System Manually

This option is used to automatically arm the alarm system when the arming delay is over. For more information on arming alarm systems, *see Chapter 2 "Definitions" on page 1*

1 Select a gateway or an alarm system.
2 Click the **Arm alarm** icon. The selected alarm system will automatically be armed.

Disarming an Alarm System Manually

This option is used to disarm the selected alarm system. The system will disarm automatically. For more information on disarming alarm systems, *see Chapter 2 "Definitions" on page 1*.

1 Select a gateway or an alarm system.
2 Click the **Disarm alarm** icon. The selected alarm system will automatically be disarmed.

NOTE: *If a "no disarm" schedule is effective and an operator disarms the system, the alarm system's exit delay will activate before the partition arms automatically. After the exit delay, the alarm system will arm again if there is no postpone and if the "no disarm" schedule is still valid.*

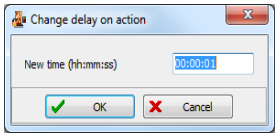
Modifying the Alarm System Postponement Delay Manually

This option is used to modify the postponement delay time of an alarm system while the alarm system is in “postpone mode”.

1 Select gateway or an alarm system.

1 Click the **Alarm postpone.** The Change delay on action dialog will popup.

2 Enter the **New time** delay (m:ss) and click **OK**. The selected alarm system postponement delay will be modified. **Maximum allowed**: 16 hours.



NOTE: *This operation will not “decrement” the postpone count allowed.*

Manual Operations on Guard Tours

This dialog allows the operator to initiate, modify the delay allowed between stations, modify the next station and end a guard tour. The Guard tour dialog can only be used with Global Gateways.

Guard tours are used to allow guards to perform tours while being monitored by the system. Events will be generated at each visited stations.

These tours consist of different stations that must be triggered within a certain time, otherwise the system will give an alarm event. These stations can either be readers or inputs.

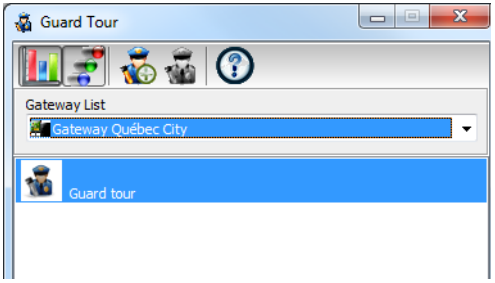
NOTE: *Guard Tours can only be initiated and ended from the manual operations of the system.*

Starting a Guard Tour

1 From the Gateway List drop-down menu, select the gateway where the guard tour is defined.

2 Select the guard tour you want to start from the **Guard tours** list. Once you have selected the guard tour, click on the “Start Guard Tour” button. The system will display a card-selection window:

3 Select the cardholder who will be responsible for the guard tour. A card has to be chosen in order to initiate the guard tour. If doors are defined in the guard tour definition, then a card will have to be presented at the defined reader(s) and this cardholder must also have access to the doors. Once you have selected a cardholder and clicked **OK**, the system will display the Guard tour window.



NOTE: *Please, remember the following:*

- *During a tour, using the “modify” button will reset the time allowed between two stations.*
- *Only one (1) guard tour can be run at a time per gateway.*
- *A tour must always be completed with the command “End guard tour” entered by the operator after the system displays the “Last station in guard tour” message.*
- *During a tour, if the delay is almost expired, using the “modify” button will reset the time allowed between two stations.*

4 Click **More** to display extended information on the selected guard tour. The system will display the stations to be visited as well as the delays from stations to stations. This button can be used only when a guard tour has been started.

5 Click the **Start guard tour** icon to start the guard tour sequence. Guard tours can only be initiated from this window. You can also assign a schedule that will generate the event “Guard Tour Scheduled” to warn operators or remind them that the guard tour must be started.

6 Click the **End guard tour** icon to end the guard tour sequence. When the last station has been visited, the system will generate the event “Last station in guard tour”, then the “end guard tour” button must be used. Once you end a guard tour, the system generates the event “Ending of a guard tour”.

7 Click the **End guard tour** button will also cancel a guard tour that has started.

The following icons are displayed in the right-hand. They provide additional information on the guard tour:

- **Previous station**—Provides information (text and picture) concerning the previous station (door or input) that the guard triggered.
- **Next station**—Provides information (text and picture) concerning the next station (door or input) to be triggered.
- **Delay to next station**—Indicates the time remaining for the guard to reach the next station. If this time expires, a warning will be displayed.
- **State** - Displays the guard tour state. The possible states are:
  - **Normal**—when the guard tour is normal.
  - **Pre-alarm**—For example, if the delay programmed for a specific station is set to 2:00 minutes, and this delay expires, the system will generate the event “Guard tour station late”, then the system will initiate the pre-alarm delay. After this delay expires, the system will then generate the “Guard tour alarm” event and the status will change to alarm.
  - **Alarm**: When the pre-alarm delay is over and the guard tour is in alarm.
- **Modify next station**—This option allows the operator to modify the next station, for the guard tour currently in progress.
- When you modify the next station, the system will generate the event “Guard tour sequence modified”.
- **Modify delay to next station**—This option allows the operator to modify the time remaining for the guard in order to reach the next station. This modification only affects the guard tour currently in progress.

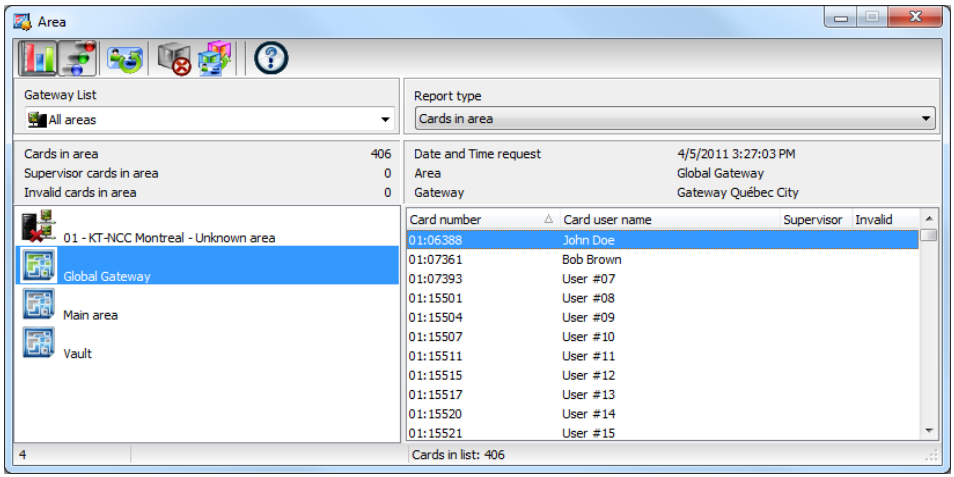
NOTE: *When you modify the next station, the system will generate the “Guard tour late time delay modified” event.*

Manual Operations on Areas

This feature is used to empty cards that are in an area to the unknown area and/or move selected cards to a specific area. The Area dialog can only be used with Global Gateways.

You can also display supervisor cards, invalid cards or all the cards located in a specific area.

1 From the Gateway list, select a gateway to view an area.

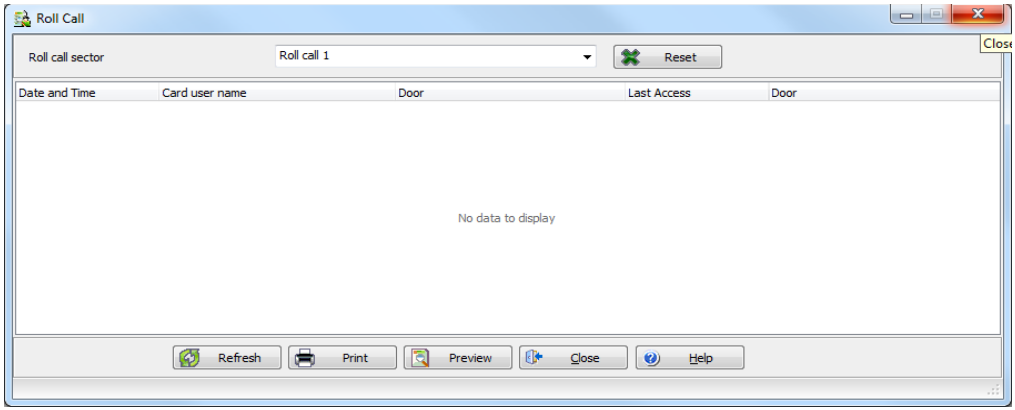


2 Select an area from the left-hand pane (for example, Cards in area), the system will automatically display:
- the number of cards that are currently located in the selected area (all cards, supervisors and invalid).
- the number of supervisor cards that are currently located in the selected area (assigned with a supervisor level).
- the number of invalid cards that are currently located in the selected area. A card is invalid because the schedule assigned to the cardholder's access level does not authorize the cardholder to remain inside the selected area.

3 From the **Filter** drop down list select an item, then click the **Refresh** button to display detailed information on the selected item.
- **Cards in Area**—If selected, the system will display all the cards located in the selected area. The card total will be displayed under the “gateway list” field.
- **Supervisor Cards in Areas**—If selected, the system will display all the supervisor cards (assigned with a supervisor level) located in the selected area. The card total will be displayed under the “gateway list” field.
- **Invalid Cards in Area**—If selected, the system will display all the cards located in the selected area. The card total will be displayed on the top left-hand of the window (all cards, supervisors and invalid). When a card is invalid, it means that the card access level is no longer good. If for example, a user remains in an area longer than the period of time he is allowed, his card will become invalid and he will no longer be able to exit the area.

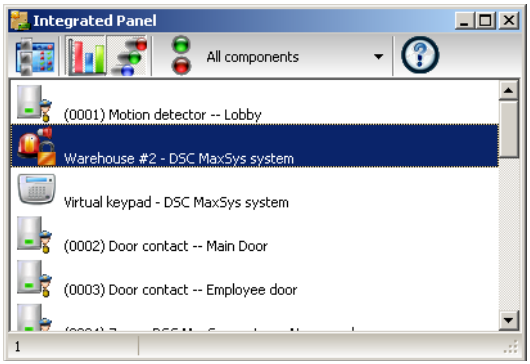
Manual Operations on View Roll Call

This feature is used to visualize the users entering a pre-defined perimeter. When a user enters this area, the corresponding data is displayed in the following dialog:



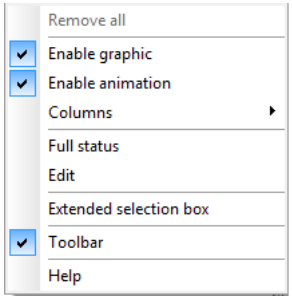
Manual Operations on Integrated Panels

1 From the **Operations** toolbar, select the **Integrated Panel** icon.

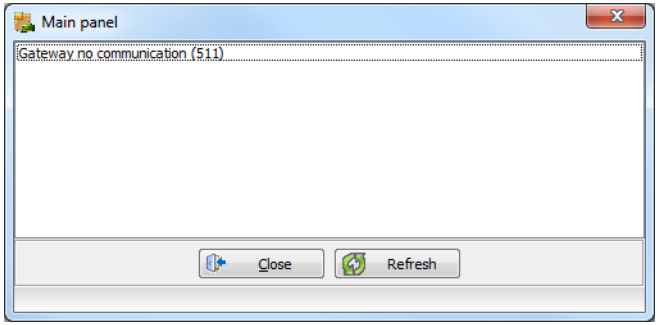

Integrated Panel
All components
(0001) Motion detector -- Lobby
Warehouse #2 - DSC MaxSys system
Virtual keypad - DSC MaxSys system
(0002) Door contact -- Main Door
(0003) Door contact -- Employee door
1

2 If required, select a specific component from the **All components** drop-down menu.

3 Select a **panel** from the left column and then right-click to view its contextual menu.

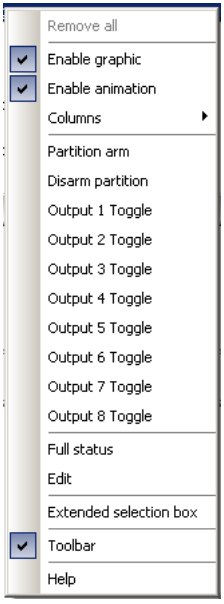


4 Select **Full status** to view the panel status details.

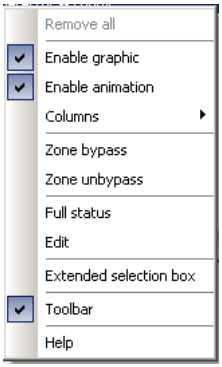


5 Select **Virtual Keypad** to view the virtual keypad.

6 Select a **partition** and right-click to view its contextual menu.



7 Select **Arm partition** or **Disarm partition** as required.
8 Select a **zone** and right-click to view its contextual menu.

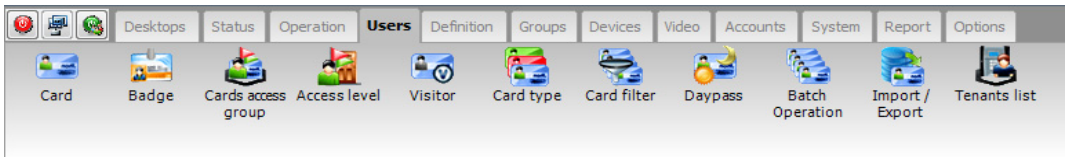


NOTE: *For the Integrated Panel button to be available, a Panel has to be created first in* ***Device > Integrated Panel.*** *Simply perform a* ***Logout/Login*** *operation to enable the button. See Chapter 4 "Integrated Panel Configuration" on page 215 for more information about panel creation.*

Users

The Users Toolbar

The **Users** toolbar allows you to easily manage the EntraPass cardholder database. The **Users** toolbar icons start the following tasks:



- Define and issue cards as well as perform card-related tasks (find, modify or delete existing cards),
- Design and print badges using the integrated badging feature. Pictures and signatures can be imported or, with the necessary devices, captured and incorporated into cards for printing badges,
- Define and manage card access groups,
- Define access levels,
- Define primary and secondary access levels
- Define visitor card templates,
- Define card types,
- Define and issue day passes,
- Modify groups of cards with batch operations,
- Import or export CSV files,

The integrated badging function in EntraPass allows users to create and print badges. It is also possible to import or, with the appropriate utilities, to capture and integrate images and signatures on the card in order to print badges.

- Define and modify the Kantech Telephone Entry System (KTES) tenants list.

Cards Definition

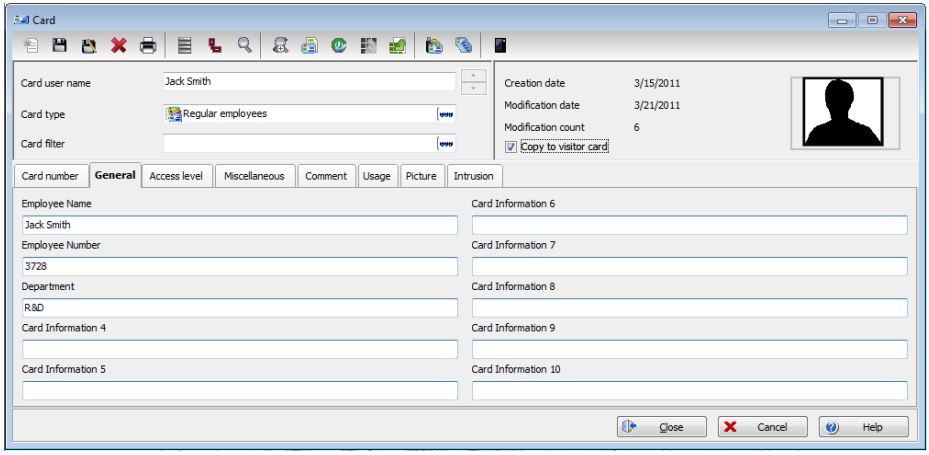
Cards are defined by the following properties: card number, card user name, card type, access level and status (valid, invalid, pending, lost/stolen or expired). If you have enabled the **Use card multiple format** option in the Card format dialog (see "Defining a Card Display Format" on page 418), you will be able to change the card format for each card individually from the Card dialog. This option allows more flexibility in assigning user cards for sites equipped with different reader technologies. In other words, when creating a new card for a user, the operator will be able to select a card format directly in the Card dialog, according to the reader type used in the area where the user will be accessing the building. If you have enabled the **Enhanced user management** feature in the System parameters dialog (see "Credentials Parameters" on page 451), card definition will be slightly different. In this type of environment, EntraPass allows for the creation of a user card with no

number assigned to it. In both cases, cards will be defined by: card user name, card type, card access level and status (valid, invalid, pending, lost/stolen).
Cards records can be searched, sorted and deleted.

Issuing a New Card

1 From the **Users** toolbar, select the **Card** icon. The displayed Card window is used to enter/verify general information on the cardholder.

NOTE: *If you enabled the* ***Enhanced User Management****, move to the next section to see "Issuing a New Card in Enhanced User Management Environment" on page 51.*



2 Click the **New** icon (first icon) in the toolbar. The Card number field is enabled.

3 Enter the number printed on the card (**Card number** field), then press **Enter**. If it is a new card, the **Card user name** field is initialized with “New user”. If the card already exists, the system displays information about the card.

4 Enter the cardholder’s name in the **Card user name** field. You can enter up to 50 characters.

5 Check the **Copy to visitor card** checkbox. When this option is checked, card information fields are copied to the Visitor template database (the card number is not copied). This feature enables you to archive profiles that are retrieved should you issue a temporary card.

6 Click on the **Card type** box to access the **Card type** menu. Select the card type for the new card. The card type is used to group cardholders; it is useful for modifying an existing card group and creating reports, etc. For more information on how to create/modify card types, *see "Card Type Definition" on page 209*.

NOTE: *From the Card type window, you can right-click the Card type field and choose* **New** *to create a new card type, choose* **Select** *to pick an existing card type or you can choose* **Edit** *to edit an existing card type.*

NOTE: *The system automatically displays the* ***Creation date****, the* ***Modification date*** *and the* ***Modification count*** *information on the upper right-hand side of the Card dialog.*

7 Fill out the **Card Information 1 to 10** fields. These are user definable fields. They are used to store additional information regarding the cardholder. For example, you could use Card Information 1 to store the employee number; Card Information 2, Department where the employee works; Card Information 3, employee address, etc. Later, card information fields will be used to index reports, customize cardholder lists, etc.

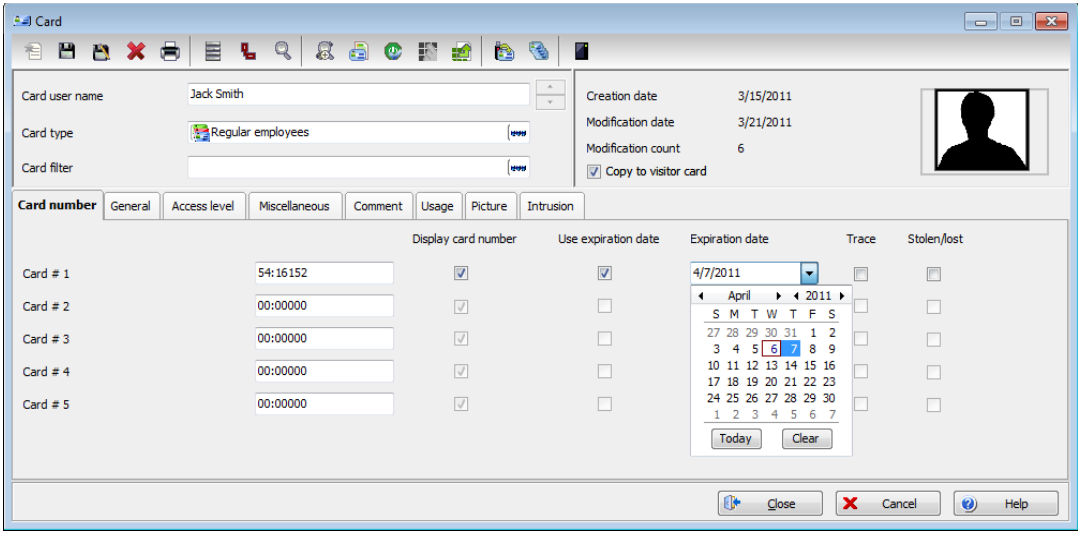
NOTE: *These information fields are editable labels. To rename an information field label, double-click it, then enter the appropriate name in the displayed fields. You can enter up to 50 characters.*

8 Click the **Save** icon.

Issuing a New Card in Enhanced User Management Environment

NOTE: *see "Credentials Parameters" on page 451 for more details on how to enable the* ***Enhanced User Management*** *environment.*

1 From the **Users** toolbar, select the **Card** icon. The displayed Card window is used to enter/verify general information on the cardholder.



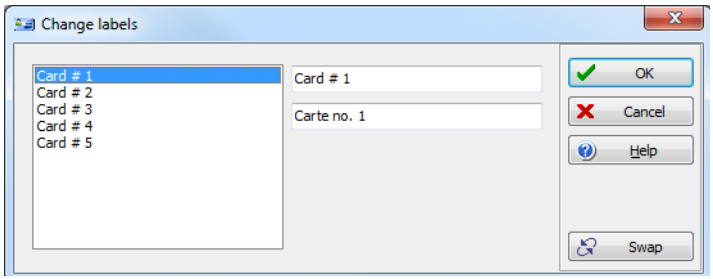
2 Click the **New** icon (first icon) in the toolbar. The **Card user name** field is enabled to enter the cardholder's name. You can enter up to 50 characters.

3 Click **Save**.

4 Double-click on the **Card type** field to open the **Card type** window. Select the card type for the new card. The card type is used to group cardholders; it is useful for modifying an existing card group and creating reports, etc. For more information on how to create/modify card types, *see "Card Type Definition" on page 209*.

NOTE: *In the* ***Card type*** *field, you can right-click the* ***Card type*** *field and choose* ***New*** *to create a new card type, choose* ***Select*** *to select an existing card type or you can choose* **Edit** *to edit an existing card type.*

5 Click on the **Card number** tab, double-click on **Card #1** if you want to change the label.



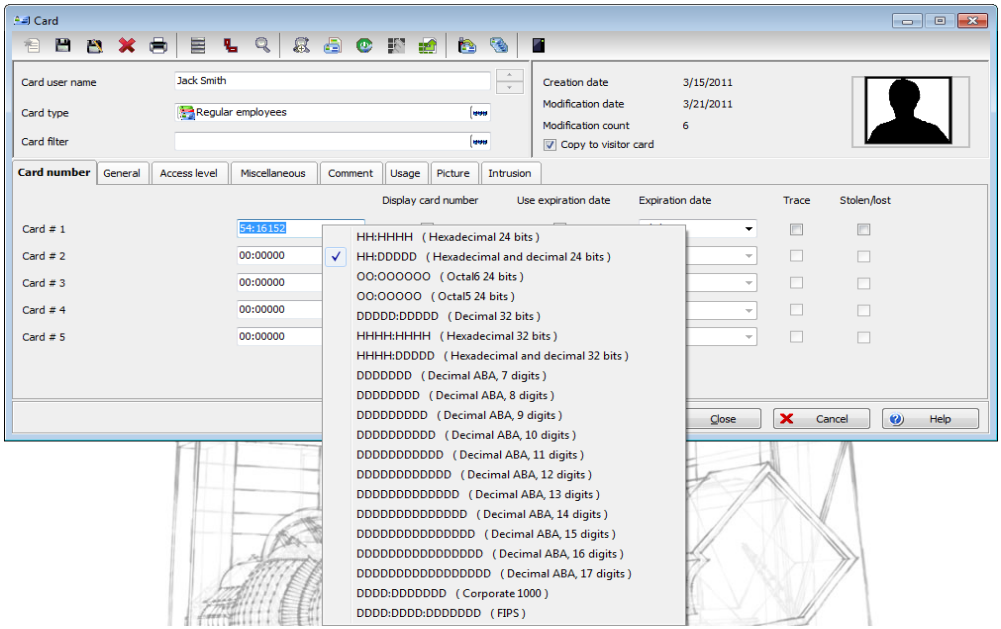
6 Enter the **Card number**.

- If EntraPass was previously configured for **Multiple Card Format**, you can modify the card format by right-clicking the **Card number** field, see "Defining a Card Display Format" on page 418 to enable the multiple card formats and select a new default card format for Card #1 to Card #5. The default card format is HH:DDDDD (Hexadecimal and decimal 24 bits).

NOTE: *The* ***Access Level*** *will apply to the user which means all 5 cards.*

- When the **Multiple Card Format** is enabled: A list of all card formats will be displayed when you right-click in the card number field.

- When a card format has been defined by the system administrator, the card format has a check mark next to its description.



7 As an option, you can assign the **Card number** immediately. If you are using the EntraPass WebStation, you can leave the field empty and assign the card number at a later time.

8 If your access rights allow it, you can decide to **Display card number** or not, then the user card number in reports and message lists in the EntraPass workstations.

NOTE: *The system automatically displays the* ***Creation date,*** *the* ***Modification date*** *and the* **Modification count** *information on the upper right-hand side of the Card dialog.*

9 Check the **Use expiration date** option and select the corresponding date.

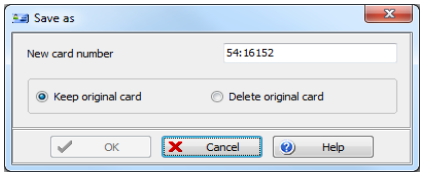
10 Check the **Trace** option if you want to monitor the use of a particular card. Selecting this option will cause the “Card traced” event to be generated each time this card is presented to a card reader. For example, you can request and generate a report containing the “card traced” event in order to verify user actions.

11 Check the **Stolen/Lost** option, if the card has been stolen or lost. The card will not be functional anymore.

12 Repeat Steps 5 to 11 for **Card #2** to **Card #5**, if applicable. The selections can be different for the 5 cards.

Creating New Cards Using the "Save As" Feature

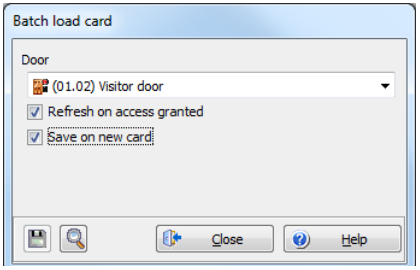
The **Save as** feature allows you to create a new card based on an existing card, only making changes to specific information. For example: changing only the user name and keeping all other card information.



1. Type required changes into specific fields in the Card window and click the **Save as** icon. This feature allows you to create a new card under a new card number.
2. Enter the new card number in the **New card number** field.
3. Select the **Keep/Delete original card** options to specify if the original card should be kept or deleted (usually kept), then click **OK** to save the new information. The Card window is displayed.

Issuing Cards Using the "Batch Load" Feature

The Batch Load feature allows operators to issue cards by presenting cards to a door reader. The card number is displayed on an "unknown card" or "access denied" event messages. During a Batch Load operation, the operator can create new cards or modify existing ones.



1. From the Card window, click the **Batch Load** button.
2. From the **Door** drop-down list, select the door that will be used to read the cards.
3. Check the following options:
   - **Refresh an access granted**: if this option is checked, each time an access is granted the information displayed will be refreshed with data relative to the card.
   - **Save on new card**: if this option is checked, new cards will be saved in the card database on an "unknown card" event message. If this box is not checked, the operator will have to save the card manually each time a card is read.

NOTE: *When this option is selected, the first card presented to the door reader will be saved only when presenting a second card or by pressing the save icon.*

- **Find**: allows operators to search for an existing card in order to create a new card based on the existing card data.

NOTE: *If an operator clicks the* **Close** *button without saving (when the* **Save** *button is still enabled), a system prompt will ask to save the last information.*

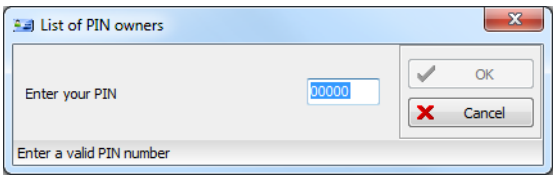
Viewing and Verifying PINs

EntraPass enables you to view and validate each configured cardholders' PINs in the Card and Visitor windows.

Viewing Cards Assigned the Same PIN

1 From the **Card** or **Visitor** window, click the **List of PIN owners** button.

2 Enter the PIN number you wish to validate and click **OK**. A list containing all operators that have a PIN number will be displayed on the screen.



NOTE: *If the system is set to PIN duplication (**Options** > **System Parameters**), and if the PIN is used by more than one cardholders, the system displays a list of cardholders who are using the PIN. This feature is useful when for example you want to display the list of cardholders who are using a given PIN or if you are issuing new cards and you want to verify which PINs are already being used.*

Card Handling

Editing a Card

- Enter the card number in the **Card number** field and press **Enter**. The system displays the card; you may then modify the card as required.
- Browse the **Card number** field using the **Up/down** arrows and then select the card to be modified.
- Browse the **Card user name** field, using the **Up/down** arrows.

Finding a Card

You can perform two types of card searches from the Card dialog toolbar:

Find the card information

Find archived card information

NOTE: *For more information on how to search information in EntraPass, see "Finding Components" on page 49.*

Deleting a Card

The **Delete** feature allows an operator who has the proper access rights to remove a card from the cardholder database. A card that has been deleted from the cardholder database must be re-issued again in order to use it again.

1 Locate the card you want to delete.

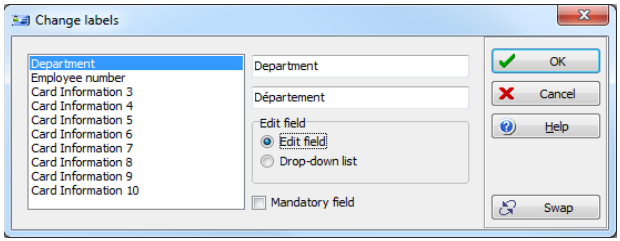
2 Click the **Delete** icon, then click **Yes** in the **Warning message** box.

NOTE: *Although a deleted card is removed from the card database, it remains in the card history; all events involving that card remain in the event messages database. An event report locating past events that involved any deleted card can be performed.*

Customizing Card Information Fields

You may rename **Card information** fields under the **General** tab according to your organization requirements. These fields can contain any information. They can be used as edit boxes or drop-down lists.

1 In the Card definition dialog, select any card, then double-click the **Card information** label under the **General** tab. The system displays the **Change labels** window:



2 Select the field you want to modify on the left, and enter the name in the field on the right. If your system operates in two languages, two fields will be available to enter the field name in both languages. For example, if you want to rename *Card Information 1* to *Employee number*, double-click the **Card Information 1** label and enter the new name in the field(s) on the right.

3 Select the **Edit field** option if the information appears as an **Edit field** (one-line information) or **Drop-down** list (as applicable); then click **OK** to save your modifications.

4 You need to repeat these steps for all the fields you want to modify.

NOTE: *Check* ***Mandatory field*** *to ensure that this field is not left empty.*

NOTE: *An operator must have full access privileges to edit card information fields. An operator with read only access may only view information in these fields.*

Cardholder Access Levels Assignation

An access level must be assigned to each card. Access levels determine where and when the card will be valid. The access level allows the cardholder entry to selected locations during specified schedules. For information on defining access levels, *see "Access Levels Definition" on page 78*.

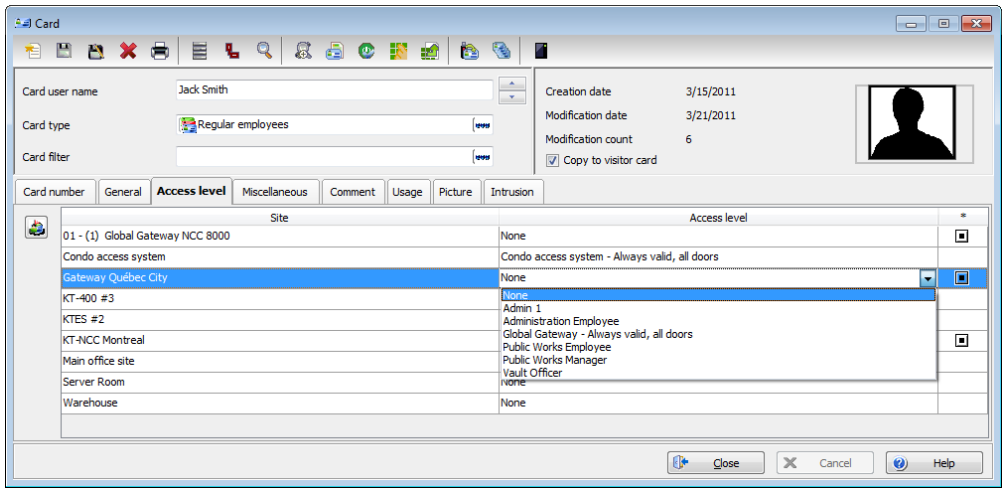
NOTE: *When you modify the access level assigned to a card, you also modify the user's access permission to the doors and schedules associated to that access level.*

In order to assign an access level to a card, you have to:

- Create schedules that will correspond to the time the user has access to the desired doors,
- Assign the created schedule to the desired doors (in the Access level definition menu),
- Assign the access level to cards.

Assigning an Access Level to a Cardholder

1 From the Card definition window, select the **Access level** tab. The Access level window appears, it displays the **Gateway**/**Site** column and **Access level** drop down list.



2 Click the **Card access group** button (displayed on the left of the Site or Gateway list) to copy information from a Card access group to a card. The **Gateway**/**Site** column displays the sites and gateways to which an access level will be associated.

3 From the **Access level** drop-down list, select the access level that will determine the cardholder's access to the doors of the selected site. If you do not want this cardholder to have access to the door of this site, leave this field to **None**.

NOTE: *You have to create Access levels (**Users** > **Access Level**) to have them displayed in the **Access Level** drop-down list.*

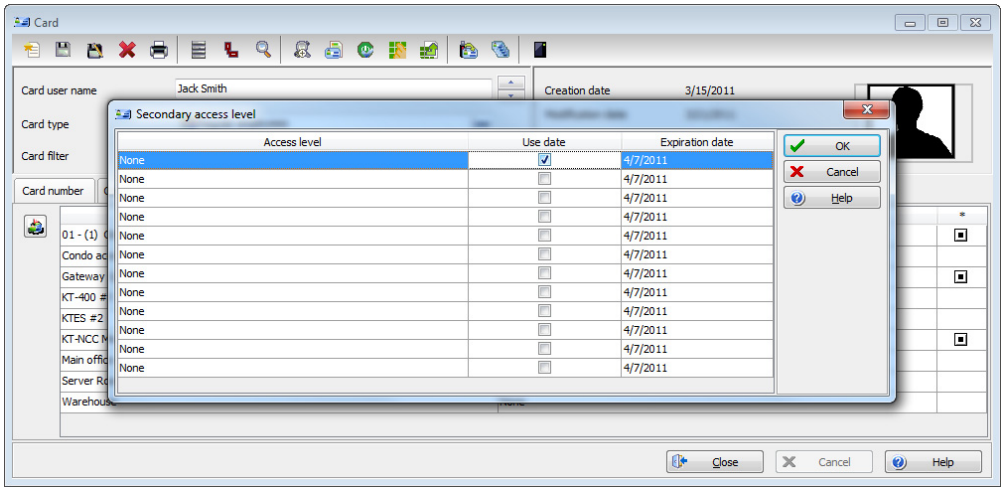
Assigning Secondary Access Levels (Global/KT-NCC/NCC 8000 Only)

You can also assign up to six secondary access levels and use an expiration date for each secondary access level, so as to restrict access to certain doors after the date is reached (button displayed on the right).

NOTE 1: *When a **KT-400** controller is operating in "stand-alone" mode, the **primary** and **secondary** access levels remain valid.*

NOTE 2: *When a **KT-100**, **KT-200** or **KT-300** controller is operating in "stand-alone" mode, the secondary access levels are no longer valid, only the **primary** access level will remain valid.*

1 Click the button on the right that corresponds to the Gateway/Site you want to define in order to access the Secondary access level dialog,



2 Select the **Access Level** in the scroll list to define a secondary access level.

3 If you want to define an expiry date, check the **Use date** option. This will open a calendar where you can select the **Expiration date**. Once the date has been selected, it will appear under the **Expiration date** column.

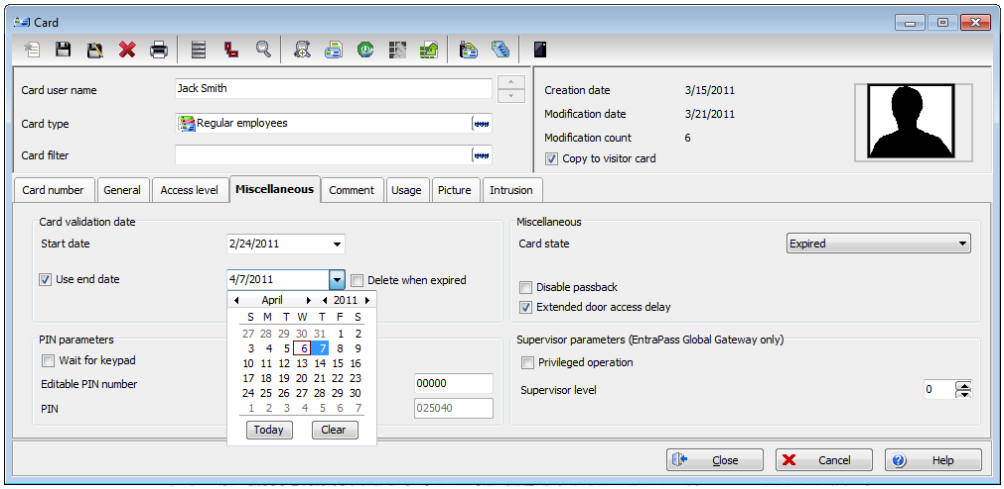
NOTE: *The button will display a "green" indicator when a secondary access level is assigned.*

Card Options Definition

Use the **Miscellaneous** tab to specify and view card options.

1 Select a card number using the **Up/down** arrows. The **Start date** field indicates the card creation date. You can change this information by selecting another date in the displayed calender. The start

date must be the same day or earlier than the current date; else, the **Card state** field (**Miscellaneous** section) will be set to “Pending”.



2 Check the **Use end date** box if applicable. When this box is checked, the system displays a calender allowing you to select the end date. When the end date is reached, the **Card state** field is set to “Expired”.

NOTE: *When creating a card with a limited access time of 24 hours of less, for example a* ***Day Pass,*** *the card will expire at midnight. This expiration may take up to one minute to register in the system.*

3 Check the **Delete when expired** option (if applicable). This option can only be used with the **Use end date** option. When selected, the card information will automatically be deleted on the expiry date (using the end date specified), otherwise the **Card state** field will be modified to “Expired”.

NOTE: *A deleted card is a card that is not active in the system database. Even if a card was deleted, previous events generated by this card are still stored in the archive file.*

4 Check the **Wait for keypad** option to force users to enter a PIN on keypad to access all doors, then in the **Editable PIN** field enter the PIN that users will be required to enter.

NOTE: *Selecting the* ***Wait for keypad*** *will delay access to a door for this card until the correct PIN has been entered on a keypad. This only affects doors defined with both reader and keypad in the Door Definition menu (****Devices*** *>* ***Doors****). The keypad schedule must also be valid for this door. For more information on defining a door, see "Doors Configuration" on page 171.*

5 From the **Card state** drop-down list, assign a state to the selected card. By default, a card is valid. The following s are available:

- **Valid**: the card is functional,
- **Invalid**: the card is NOT functional,
- **Lost/Stolen**: the card is NOT functional,

- **Pending**: the card is not yet functional.
- **Expired**: the card has reached its expiry date,

NOTE: *You cannot force a card state to* ***Pending*** *by selecting this state from the* ***Card state*** *drop-down list. To do so, you have to change the Start date.*

6 Check the **Disable passback** option if you want the card to override the passback option when defined.

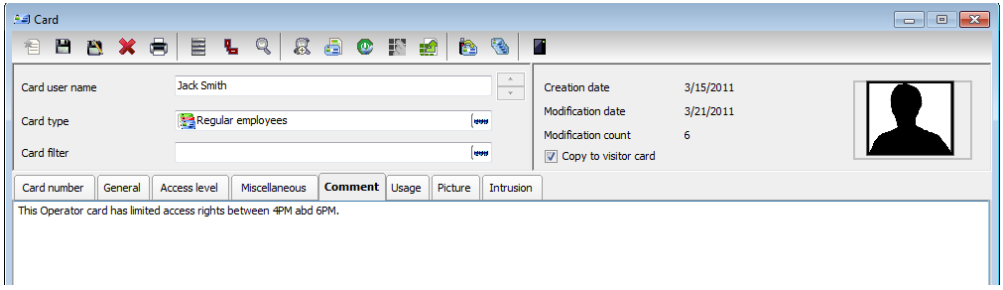
NOTE: *If your are issuing a card for a cardholder with disabilities, check the* ***Extended door access delay*** *option. To enable this option in the system, you have to define appropriate delays in the Door definition. This option is also available when defining visitor cards.*

7 Set **Supervisor level** according to user privileges.

NOTE: *If required check the* ***Privileged operation*** *option to override any security measures regarding doors.*

Adding Comments to a Card

1 From the **Card** window, select the **Comment** tab.



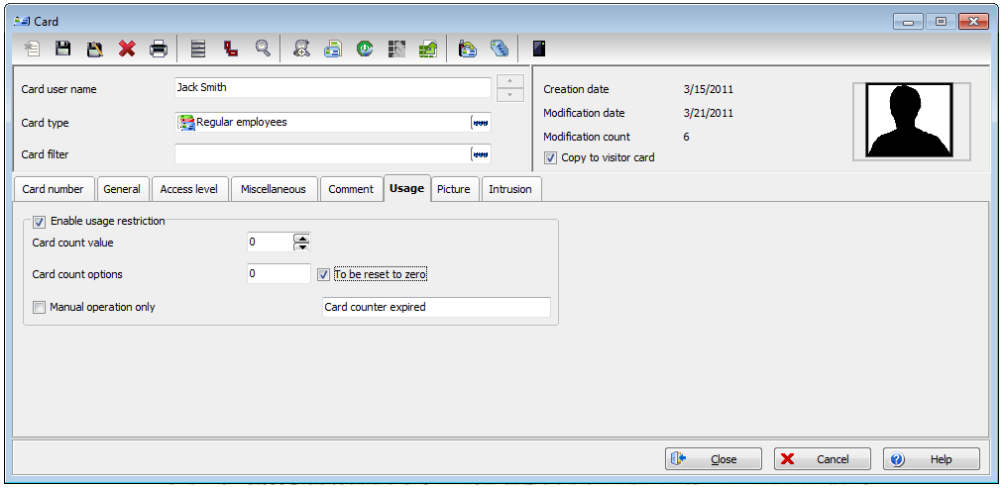
2 Enter a comment (if necessary) relative to this cardholder. The displayed field can be used to store additional information in the database. Maximum allowed: up to 241 characters.

3 Click the **Save** button, then the **Close** button to exit.

Limiting Card Usage

EntraPass offers the ability to set card use count options so that you may limit the number of times a card can be used.

1 From the **Card** window, select the **Usage** tab.



2 Check the **Enable usage restriction** option in order to enable the card use count feature.

3 From the **Card count value** scrolling list, set the maximum number you want this card to be used. You may enter the number in the field or use the **Up/down** arrows.

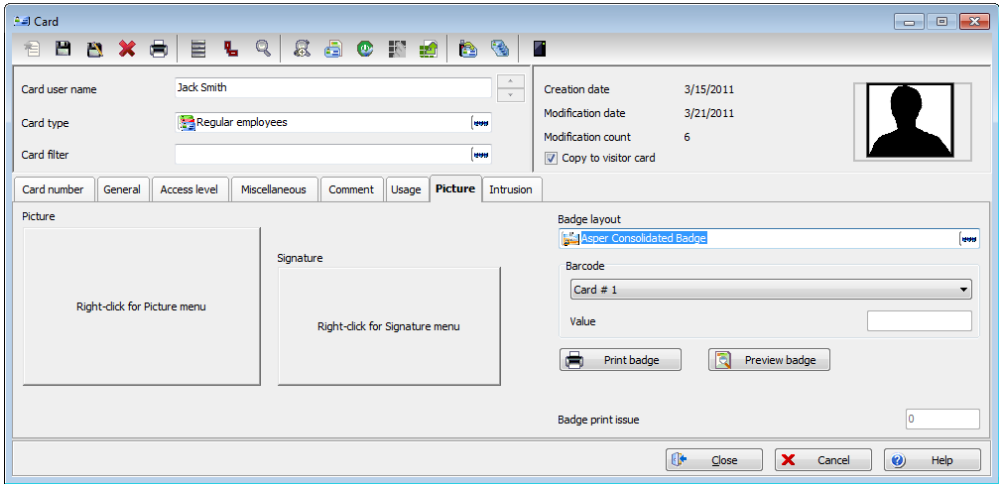
NOTE: *Once you set the* ***Card count value****, the* ***Card count options*** *field is automatically incremented each time the cardholder uses the card. After a certain number of uses, you may check the* ***Reset to zero*** *field if you want the counter to be reset to zero when the maximum value is reached.*

Assigning Pictures and Signatures

EntraPass offers the ability to associate photos and signatures with cardholders and to associate badge templates with cards as well as to print badges. Photos and signatures can be retrieved from files, pasted from the clipboard, or captured using an appropriate device. To capture video images, use any MCI and TWAIN compliant device. For capturing signatures, signature pads such as Topaz, Penware TTI500 and Penware TT3100 are recommended.

Assigning a Picture from a File

1 From the **Card** window, select the **Picture** tab.



NOTE: *The Video capture option is enabled only when a video capturing device is installed.*

2 Right-click the picture area. A shortcut menu appears; choose the appropriate action:

- **Get picture from file**: This option allows you to select a previously saved picture:
  1 From the **Files of type** drop-down list, select the file type you are looking for or leave this field to **All** to display all image files. Make sure that the **Auto displayer** option is selected to enable preview.
  2 Select the directory where the image is stored. Select the image you are looking for, then click **Open** to import it into the **Card** window.

NOTE: *Files with the following extensions are supported: BMP, EMF, WMF, JPG, GIF, PNG, PCD, and TIF.*

- **Paste picture**: this option allows you to paste a picture from the clipboard. To use this option, you have to copy the picture, then paste it into the picture window.

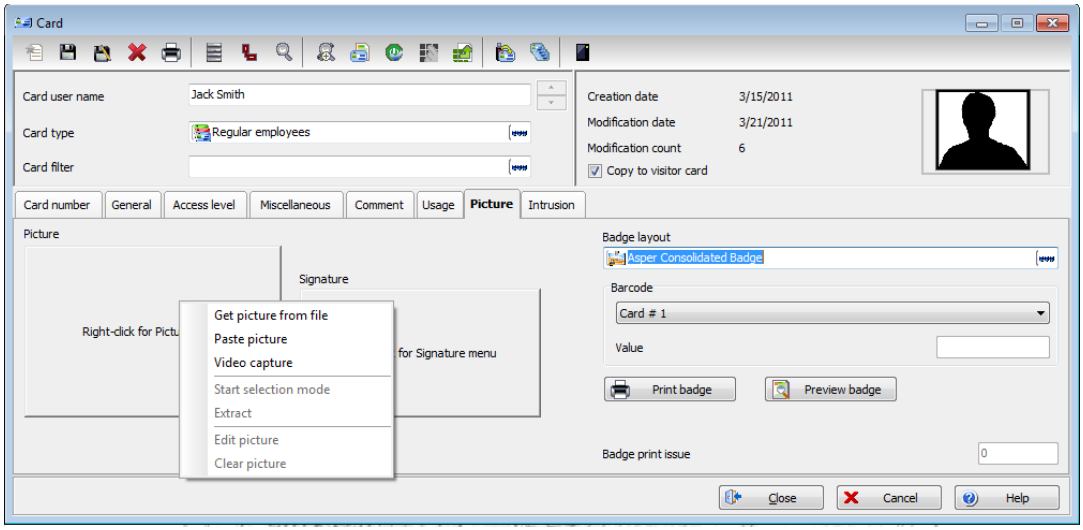
NOTE: *To delete the imported picture, right-click the picture, then choose* ***Clear picture*** *from the shortcut menu.*

Assigning a Picture Using a Video Camera

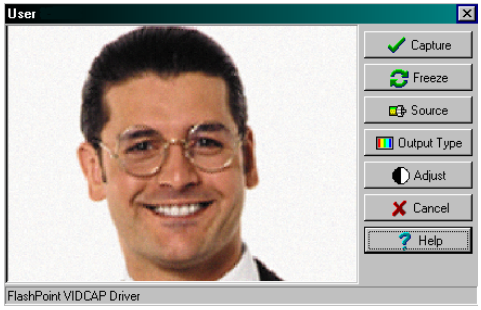
The **Video capture** option is enabled only when the option **Enable video capture** is checked: **Options** > **Multimedia devices** > **Video capture** tab.

NOTE: *Before you can capture images using a video camera, all equipment needs to be properly configured. For more information, consult your manufacturer's device manual. If you have more than one video driver, you will need to specify the video driver to be used (****Options*** *>* ***Multimedia devices*** *>* ***Video*** *tab).*

1 Right-click the picture area.

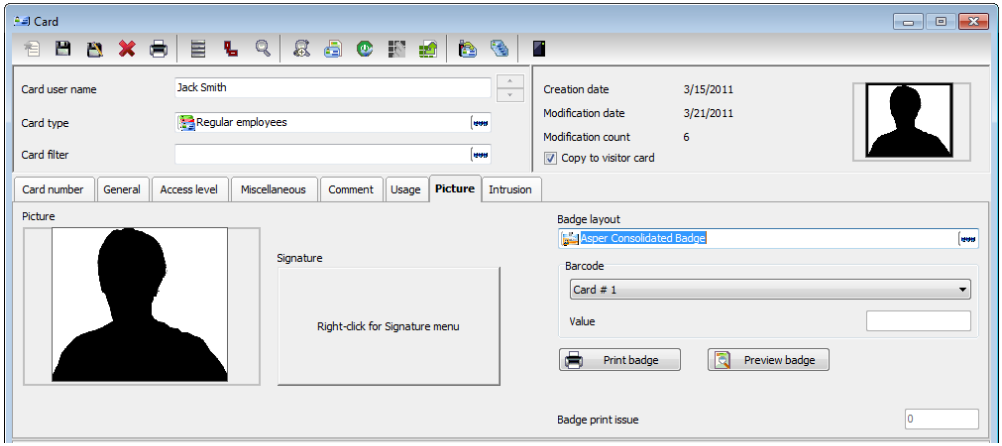


2 From the shortcut menu, select **Video capture**. This option is enabled only when the Video capture capability has been enabled in the Options menu (**Options** > **Multimedia devices** > **Video**).



NOTE: *Options may vary depending on the video capture program. If you have more than one video driver, you will need to specify the video driver you are using. For more information on configuring your video drivers, see "Multimedia Devices Configuration" on page 424.*

3 Click the **Freeze** button when you are satisfied with the displayed image, then click the **Capture** button to paste and save the displayed image.



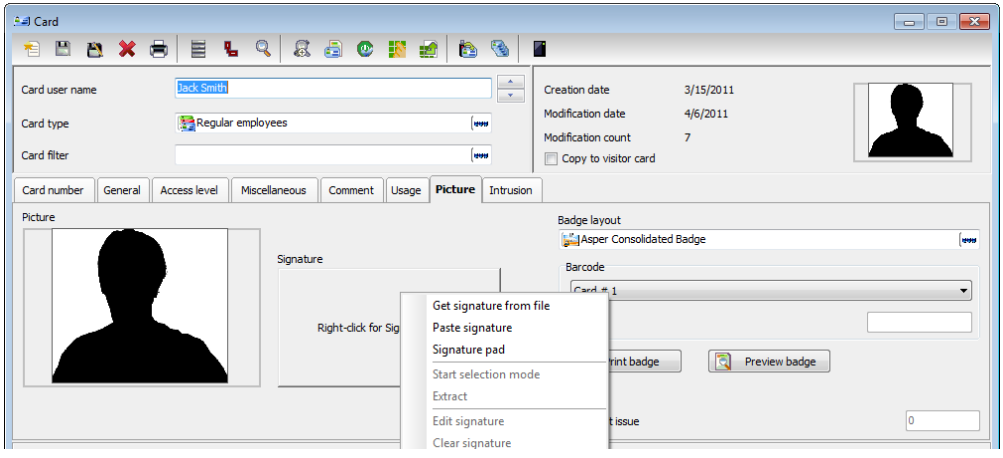
4 To associate a badge layout with the defined card, select one from the **Badge layout** list. For information on how to define a badge layout, *see "Badges Designing" on page 176*.

NOTE: *The **Print badge** and **Preview badge** buttons are enabled only when a badge printer and badge layout has been selected and the option Use badge printer checked: **Options > Printer options > Badge printer**. If these buttons are enabled, you can preview and print the cardholder's badge.*

Importing a signature from a file

You can import a signature, just as you import other images such as logos or pictures into the card.

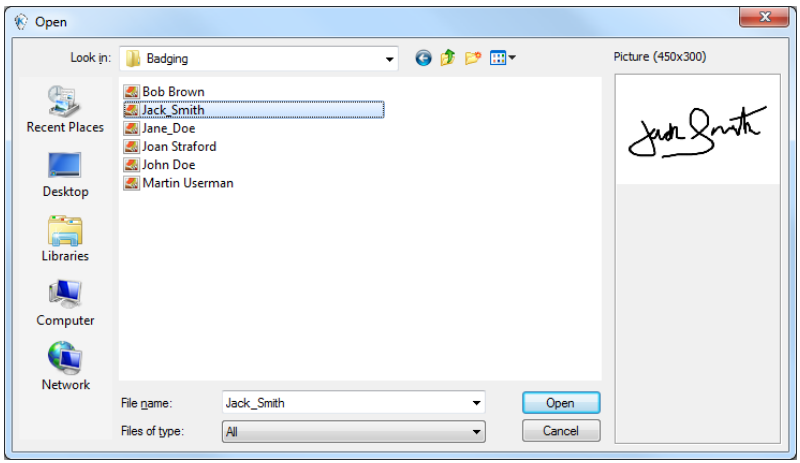
1 From the Card window, right-click the signature area. A shortcut menu appears.



2 From the shortcut menu, make the appropriate choice:

- **Get signature from file**: allows you to select a previously saved signature,
- **Paste signature**: allows you to paste a signature that was previously copied to the clipboard. The option is enabled when there is content in the clipboard.

NOTE: *The **Signature pad option** is enabled only when the appropriate device is enabled in the Options menu (**Options** > **Multimedia devices** > **Signature**).*

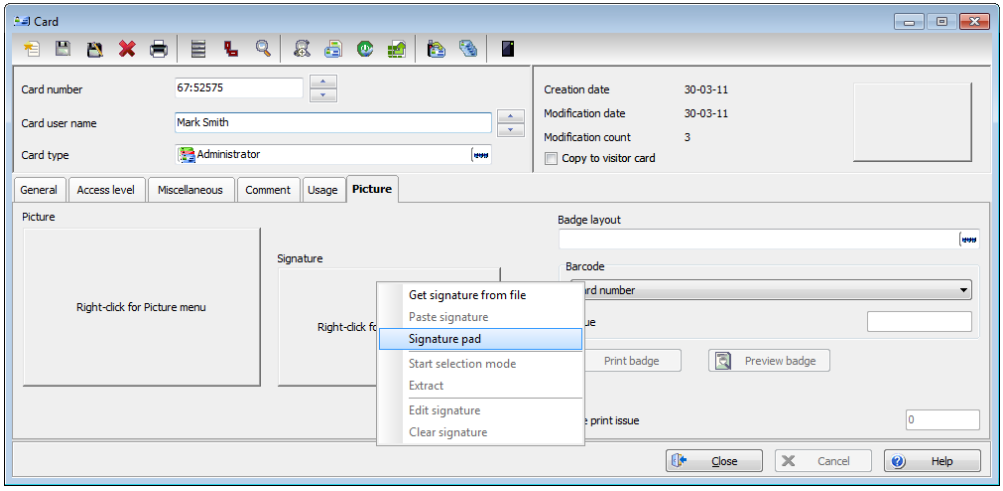


3 Select the signature file, then click **Open**.

Adding a Signature from a Signature Capture Device

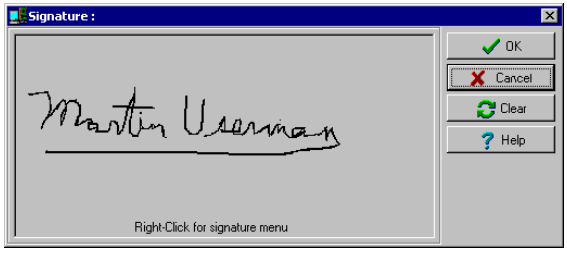
Use this option if a Signature Capture Device is installed and configured. The Signature pad option is enabled only when the appropriate device is enabled in the Options menu (**Options** > **Multimedia devices** > **Signature**).

1 From the Card window, right-click the signature area. A shortcut menu appears.



2 From the shortcut menu, select **Signature pad**. The Signature window appears, allowing you to preview the signature.

3 Click **OK** to paste the signature in the card window.



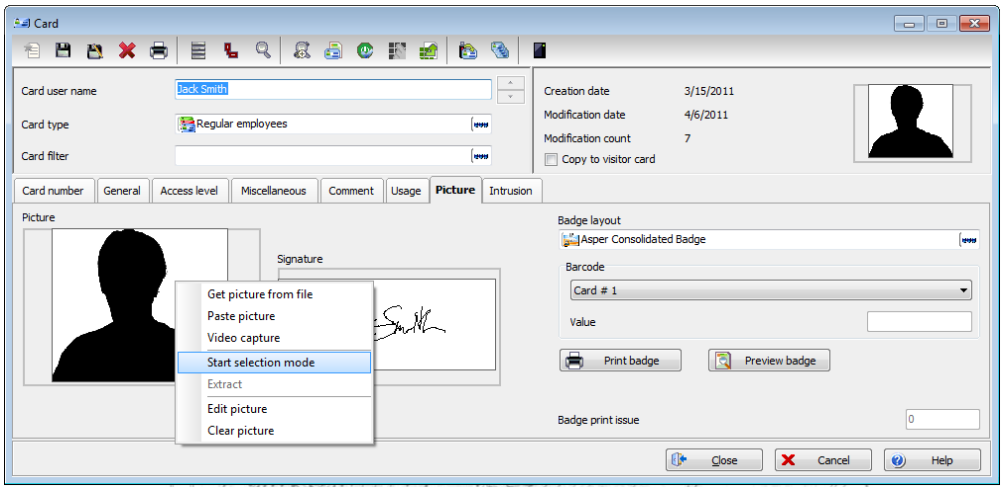
Working with Photos and Signatures

The EntraPass Integrated Badging feature allows users to extract part of an image or enhance images that are incorporated into cards.

Extracting Part of an Image

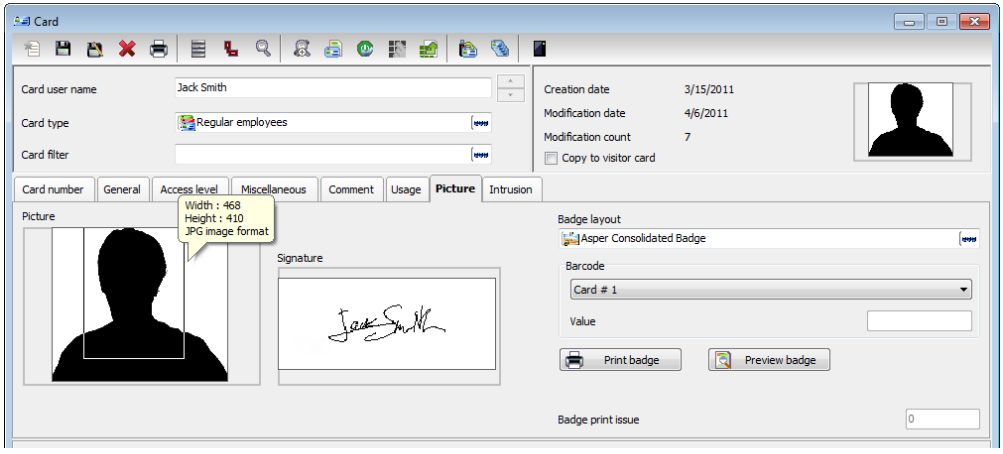
If you have incorporated a large image but you need only part of it, you can select and extract the part that you want to assign to the card (picture, signature).

1 Right-click the image you have just imported.



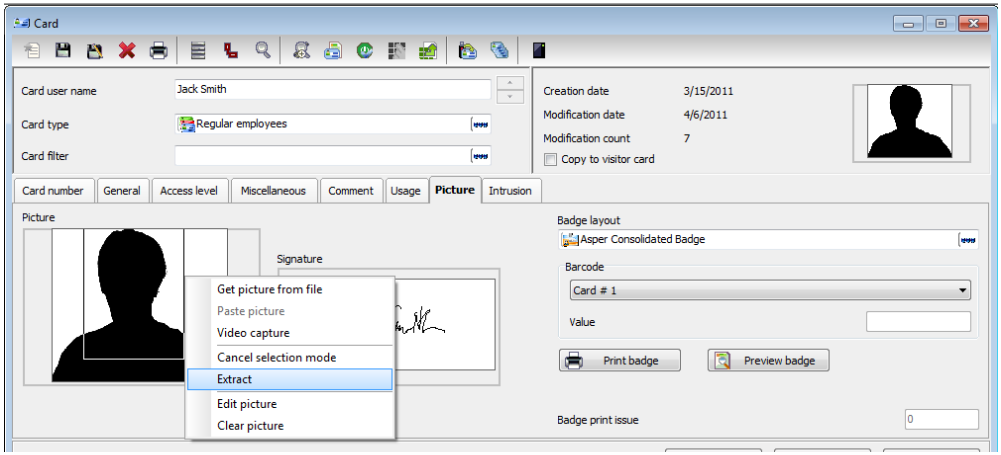
NOTE: *The* ***Extract option*** *is enabled after you have started the selection mode. Similarly, the* ***Undo*** *option is enabled only when an image has been pasted.*

2 Select **Start selection mode** from the shortcut menu.



NOTE: *You can increase the size of the selection rectangle by dragging its sides and corners to adjust to the part of the image you want to extract. You can also move it by dragging it to the desired area of the image.*

3 Once you have selected the part you want to incorporate into the card, right-click the image again. A shortcut menu appears.

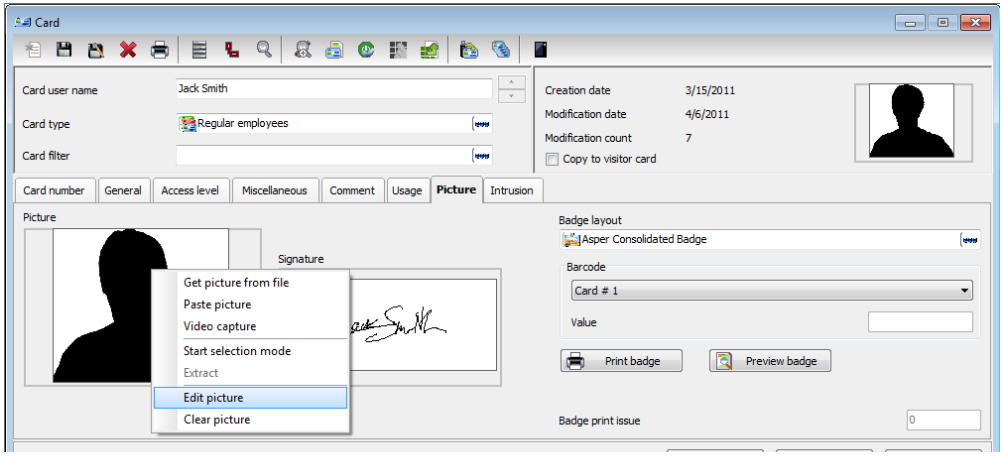


NOTE: *To disable the current selection, right-click the picture, then select* ***Cancel selection mode****. Select* ***Undo*** *to discard the changes. The* ***Undo*** *option is enabled only when you have pasted an image.*

4 From the shortcut menu, select **Extract**.

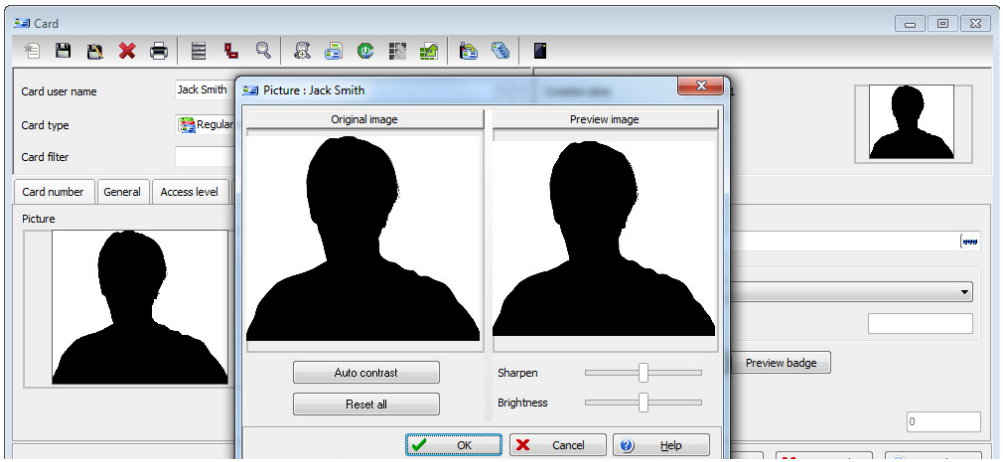
Editing a Picture/Signature

1 Right click the image you want to edit.



NOTE: *The* ***Barcode*** *area allows you to assign a barcode to a badge for identification purposes. Select any item from the drop-down list to be used as the value of the barcode. Select* ***Custom*** *to enable the* ***Value*** *field and type a specific barcode value. If you do not enter a custom barcode value, the* ***Card number*** *is used as the default value.*

2 From the shortcut menu, select **Edit (picture or signature**).



3 Adjust the features of the image using the displayed options. The **Reset all** option enables you to go back to the original image:

- **Auto contrast**: this feature gives better contrast by intensifying lights and shadows: it makes the darks darker and the lights lighter. In general, this auto contrast feature gives a good result when a simple contrast adjustment is needed to improve an image's contrast.
- **Sharpen**: this feature provides more definition to blurry images by applying sharpening only when an edge is found.
- **Brightness**: this feature allows you to add light to the image by sliding towards the positive values.
- **Reset all:** this feature allows you to undo all the changes and to restore the original image.

4 Click **OK** to close the **Picture** editing window.

5 From the Badge layout pull-down menu, select a layout to associate with the card you have defined To define a badge layout, *see "Badges Designing" on page 176*.

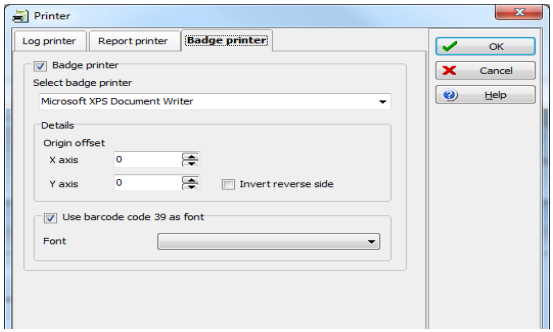
Printing Badges

You may print badges, **visitor cards** and **daypasses** from a **Card** or from all **Badge preview** windows. The software is set up to let you print one single or double-sided badges.

Before you print, you have to select a badge printer. It may be any network printer, or a specific badge printer.

Selecting a Badge Printer

1. From the EntraPass Workstation window, select the **Options** toolbar, then click the **Printer Options** button.
2. From the **Printer options** window, select the **Badge printer** tab.



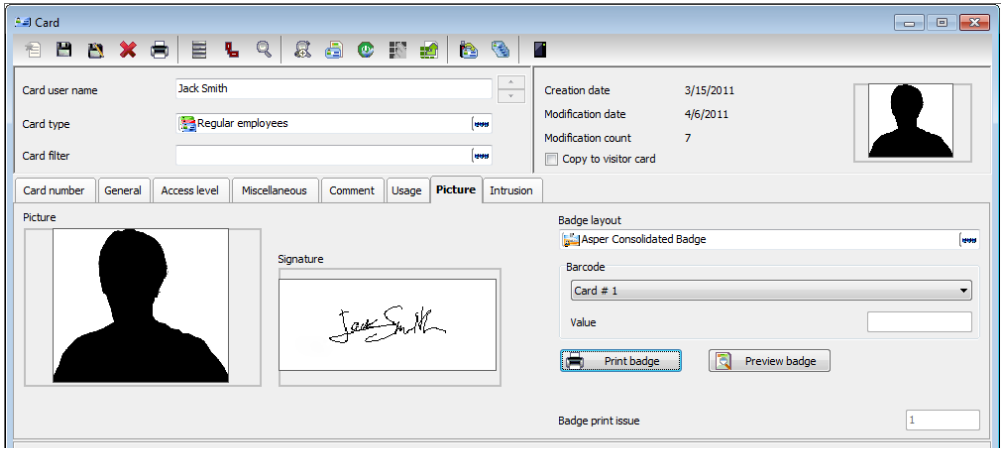
NOTE: *You can print badges to any network printer. However, to print badges on appropriate cards, you have to select a badge printer.*

3. Check the **Badge printer** option to indicate to the system that a badge printer is selected. If the **Badge printer** option is checked, the Print badge and Preview badge are displayed in windows where you can print badges (Card, Visitor, and Daypass windows).
4. From the **Select badge printer** drop-down list, select the printer dedicated to badging.
5. Adjust the margins:
   - Origin offset, X axis: indicates the left margin.
   - Y axis indicates the upper margin.

Previewing and Printing Badges

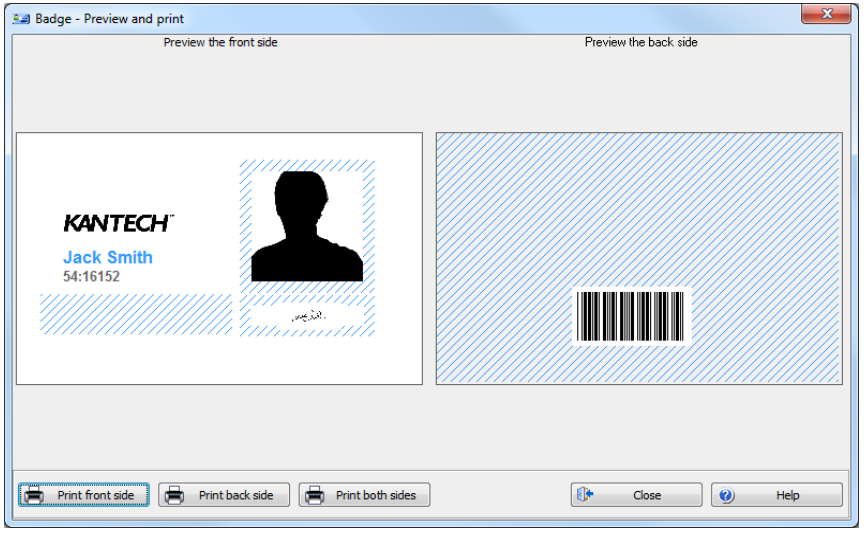
The **Badge - Preview and Print** window allows you to preview a badge layout with card information (if the badge layout is associated with a card) or with default values (if the template is not yet associated with a particular card). The program permits you to print single or double sided badges.

1 From the Card, Visitor or Daypass window, click the **Preview badge** button.



NOTE: *From the Badge design window, the preview option allows you to view a badge with default values since there is no card associated with it.*

2 From the **Badge - Preview and Print** window, choose a printing option:



- **Print front side**: only the front side (preview in the left-hand pane) is printed.
- **Print back side**: only the back side (preview in the right-hand pane) is printed. This button is enabled only when the badge is defined with two sides.
- **Print both sides**: the front and back side are printed. This button is enabled only when the badge is defined with two sides.

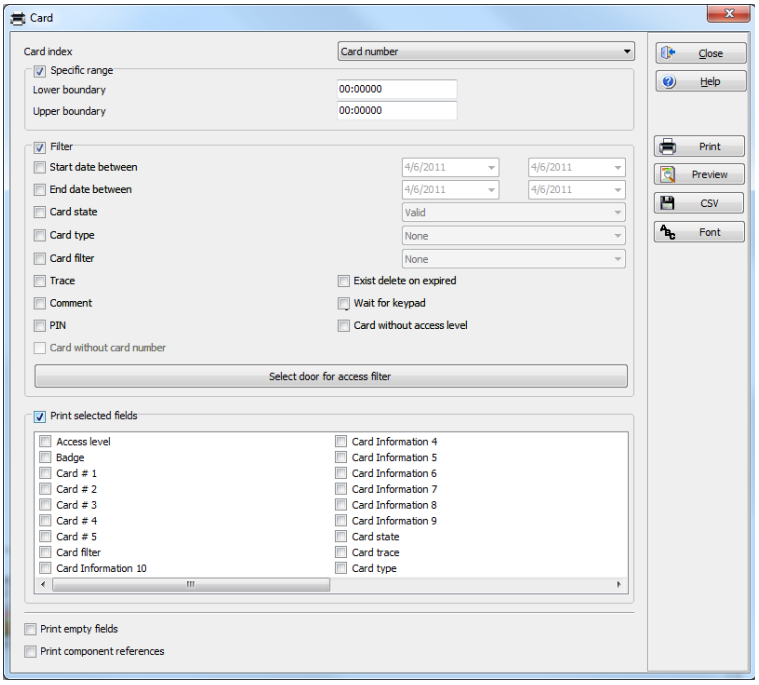
***NOTE: Important!** In **Order** to print badges with barcodes, your printer has to be properly set. You have to select the "black resin" option, otherwise, barcode readers may not detect the barcode. If you have problems with barcode printing or reading, refer to your printer manufacturer's manual.*

Card Printing

Use the Print feature to print a specific range of all the cards that are stored in the database. You can select various filters to customize the card list. You can preview your list so that you can modify or verify the settings (fields) before printing. You can also use the **Font** button to set a different font and font size for your report.

***NOTE:** Whatever your selections, the card user name and card number will always be displayed. By default, only fields containing information will be printed. If no fields are selected, only cards containing information will be printed. If you want to print empty fields, check the **Print empty fields** option. If you want to print component references, check the **Print component references** option. If you want to simply preview card reports there must be at least one printer installed on the computer.*

1 From the **Card** dialog, click the **Printer** icon.



***NOTE:** By default, empty fields are not printed. To print empty fields, check the **Print empty fields** option.*

2 Select a sorting criteria from the **Card Index** drop-down list. These are card information fields.

3 If you are printing a specific range, check the **Specific range** option. Select the field that will be used to sort the card list. For example, if you select **Card number**, the cards in the list will be sorted according to the card numbers in ascending order. This field can also be used to target a specific range of cards when using the **Lower/Upper boundaries** fields.

- If you want to print a specific range, you have to specify a starting number in the **Lower boundary** field. It has to be used with the **Upper boundary** field. You must use the "card index field".
- If you have decided to print a specific range and if you have entered a **Lower boundary** value, enter the last number or letter in the **Upper boundary** field. This field is used with the Lower boundary and the Card Index field.

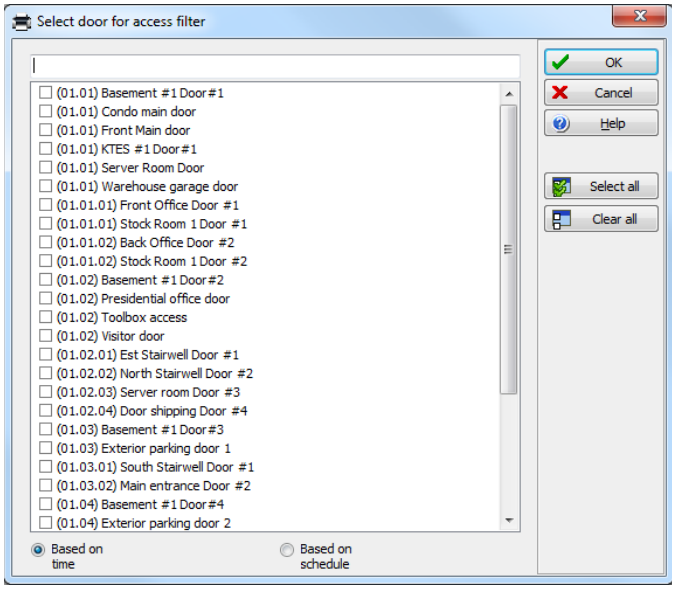
NOTE: *Only cards that match ALL the selected filters will be printed. For example, if you specify six filters, all the six criteria must be met. Cards that do not match all the six criteria will not be included in the range.*

4 Select the **Filter** option if you do not want the system to search through all the cards of the system. Filters will restrict the search and facilitate the production of the desired card list.

- **Start date between**—The system will include cards with a "Start date" field which is within the specified range (Miscellaneous tab).
- **End date between**—The system will include cards with a "Use end date" field which is within the specified range (Miscellaneous tab).
- **Card** —Check the option and then select the desired state. The system will include cards that have this card state selected in the Card window (Miscellaneous tab).
- **Card type**—Check the option and then select the desired card type. The system will include cards that have this card type selected in the Card window.
- Select the **Exist trace** for the system to include cards that have the "Card Trace" option in their definition (Card window, Miscellaneous tab).
- Select the **Exist comment** option for the system to include cards that have information in the **Comment** field in their definition (Card window, Comment tab).
- Select **Exist PIN**—The system will include cards that have a PIN.
- Select **Exist delete when expired**—The system will include cards that have information in the **Delete when expired** field (Card window, Miscellaneous tab).
- Select **Exist wait for keypad** for the system to include cards that have information in the **Wait for keypad** field (Card window, Miscellaneous tab).

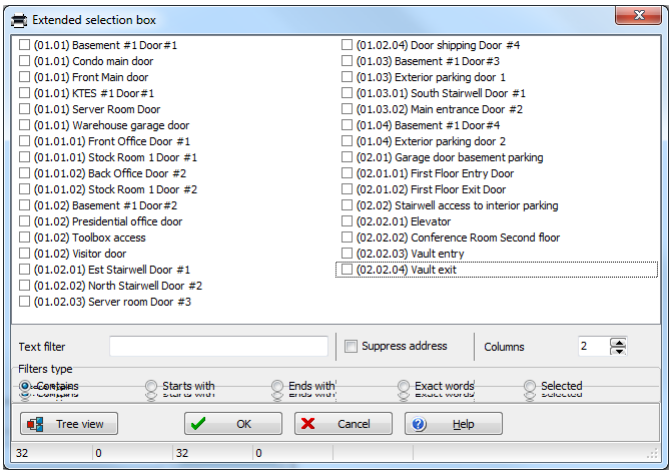
5 You may also check the **Print selected fields** to include specific data. If you select this field, no other fields below, the system will print the cards that match the filters you specified above with the card number and user name only.

6 Click the **Select door access filter** button if you want to include cards associated to a door.



7 Select the **Based on time** option if you want to select cards according to the time or select **Based on schedule** if you want to select cards according to a defined schedule.

NOTE: *To extend the selection, right click within* ***Select door for access filter*** *window.*



8 Check the appropriate field you want to print. The system will include the field content as it appears in the card definition.

9 You may save the list as a.QRP file (Quick Report) to view later using the Quick Viewer option.

10 You can also use the “Font” button to use a different font and font size for your list. The changes will appear automatically in the sample box. Use the **Preview** button from the print window to preview your report.

Last Transactions Display

The **View last transactions** feature lets you view the most recent transactions for the selected cardholder. For example, the window will display “Access denied” as the type of event, and will display the date and time as well as the event message that was displayed in the Message desktop.

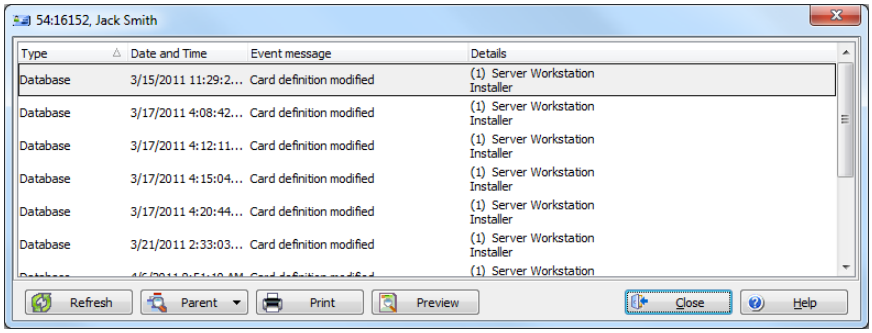
The system displays the 15 most recent transactions for each category:

- Access denied events (bad location, bad access level, bad card status, etc.),
- Access granted events,
- Database events (that have affected the database, such as: card definition modified, relay definition modified, etc.),
- Other/Miscellaneous events (these include events that were generated by cardholders),
- In/Out events (entry, exit).

NOTE: *To view more transactions for a specific category, see the “Card use report” option in the Historical Report definition menu.*

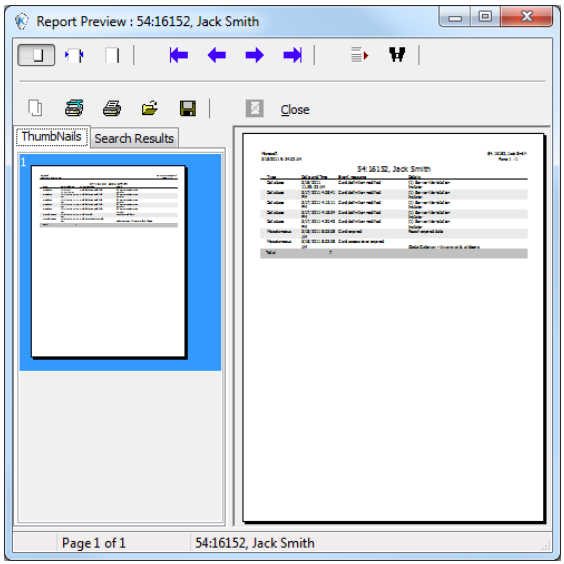
Viewing the Last Transaction

1 From the card definition window, select the **View last transaction** icon.


54:16152, Jack Smith
Type
Date and Time
Event message
Details
Database 3/15/2011 11:29:2... Card definition modified (1) Server Workstation Installer
Database 3/17/2011 4:08:42... Card definition modified (1) Server Workstation Installer
Database 3/17/2011 4:12:11... Card definition modified (1) Server Workstation Installer
Database 3/17/2011 4:15:04... Card definition modified (1) Server Workstation Installer
Database 3/17/2011 4:20:44... Card definition modified (1) Server Workstation Installer
Database 3/21/2011 2:33:03... Card definition modified (1) Server Workstation Installer
Refresh
Parent
Print
Preview
Close
Help

- **Type:** Displays the event category.
- **Date and time:** Displays the date and the time stamp of the event message.
- **Event message:** Displays the event message that was sent to the server (and to the authorized EntraPass workstation) when this event occurred. This is the same message as in the Message desktop (Desktop menu).
- **Details:** Displays additional details directly related to the type of transaction. For example, for a “card definition modified” event message, the Details column lists the EntraPass applications from which the card was modified as well as the operator name.
- **Refresh:** This button can be used to refresh the window with new transactions as they happen. As cardholders generate events, new information is available.

- **Parent:** To view the parent component of a selected component. For more information, *see "Basic Functions" on page 49*.
- **Print:** Use this button to print an exact copy of the window. For more information, *see "Basic Functions" on page 49*.
- **Preview**: The **Preview** button request the selection of a printer and then displays the **Report Preview** dialog.

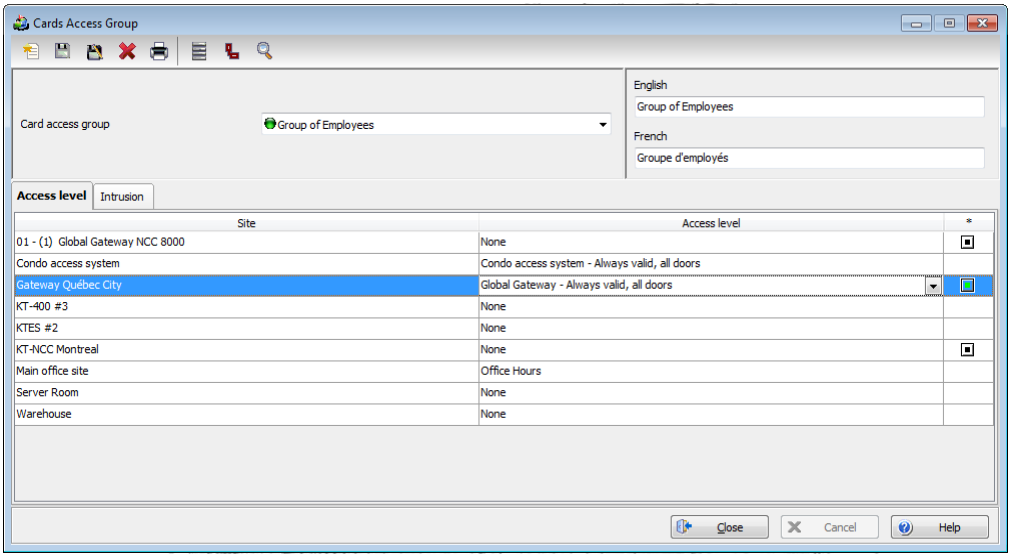


Card Access Groups Definition

Pre-programmed card access groups allow quick selection of access levels for various sites of the system. This card access group can be recalled during card programming instead of re-entering the access levels for each site. It is only the card access group information that is associated with the card. Therefore, you can modify the card access group information without modifying the card access information.

NOTE: *When importing cards, the* ***Card access group*** *may be used to assign an access level to the cards.*

1 From the **Users** toolbar, click the **Card access group** icon.



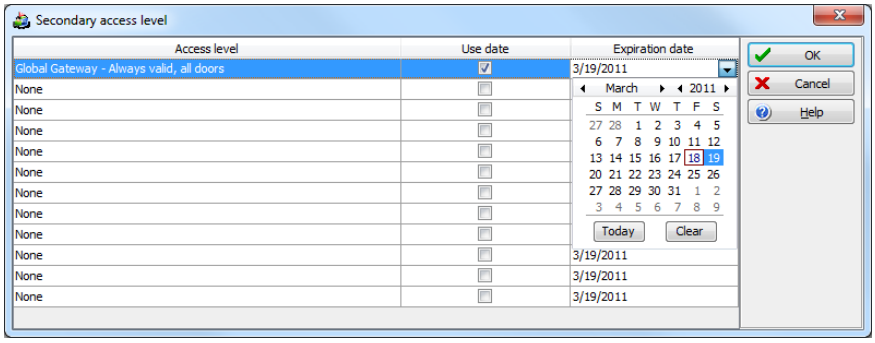
2 To modify an existing card access group, select it from the **Card access group** drop-down list. To create a new group, click on the **New** button and enter the group name in the language section. The **Site** column displays the site associated with a card access group.

3 From the **Access level** drop-down list, select the primary access level that will determine the access to the doors of the selected site.

4 To select a secondary access level for a Gateway/Site, click the square icon next to the **Access level** column, for the Gateway/Site you want to configure.

NOTE 1: *When a **KT-400** controller is operating in "stand-alone" mode, the **primary** and **secondary** access levels remain valid.*

NOTE 2: *When a **KT-100**, **KT-200** or **KT-300** controller is operating in "stand-alone" mode, the secondary access levels are no longer valid, only the **primary** access level remains valid.*



3 Select the **Access level** in the scroll list.

4 If you need to setup an expiration date for the secondary access level, click the **Use date** option and click the **Expiration date** scroll list button where a calendar will popup.

NOTE: *The* **Access level** *button will display a "green" indicator when secondary access levels are assigned.*

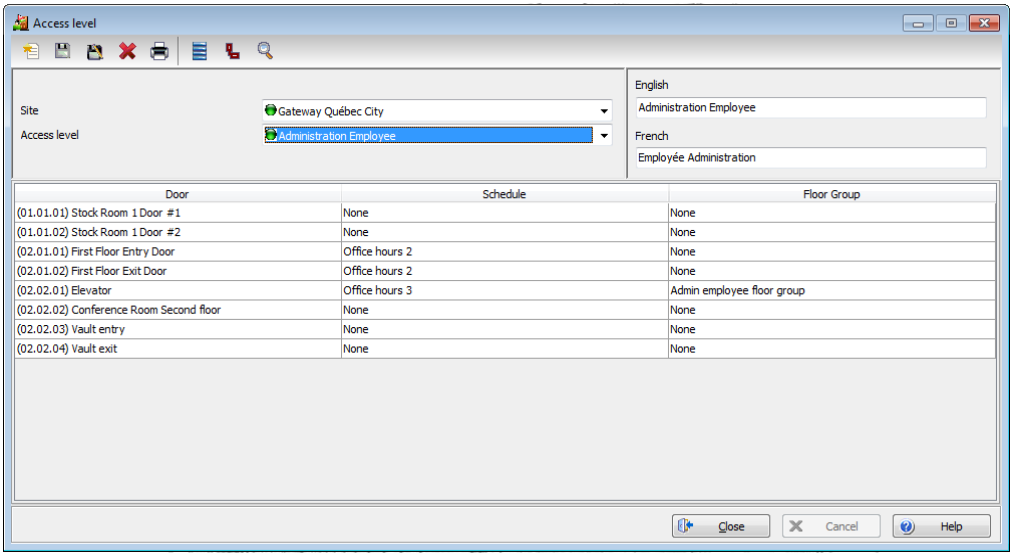
Access Levels Definition

Access levels determine where and when the card will be valid. Pre-programmed card access groups allow quick selection of access levels for various gateways. A total of 248 access levels can be programmed per site and per gateway (Global/KT-NCC/NCC 8000 Gateways). In order to assign an access level to a card, you have to:

- Create schedules that will correspond to the time the user has access to the desired doors
- Assign the created schedule to the desired doors (in the Access level definition menu)
- Assign the access level to a card.

NOTE: *The default access level is* ***Always valid, all doors****: cardholders assigned this default access level have access to all doors at any time. To restrict access to certain doors and at a certain time, you have to create a specific access level.*

1 From the **Users** toolbar, select the **Access level** icon. The Access level window appears.



2 From the Access level drop-down list, click on **New**, then assign a meaningful name to the access level you are creating.

NOTE: *Components that are displayed in the Doors and Schedule or Floor group columns have to be pre-defined for selection. To define Doors:* ***Devices*** *>* ***Door****. To define Schedules:* ***Definition*** *>* ***Schedule****. To define Floors groups:* ***Groups*** *>* ***Floor group****.*

3 From the **Doors** list, select the doors to which the cardholder has access.
4 From the **Schedule** column, select the schedule during which the cardholder will have access to the corresponding door.
5 From the Floor group column, select the floor group, if applicable.

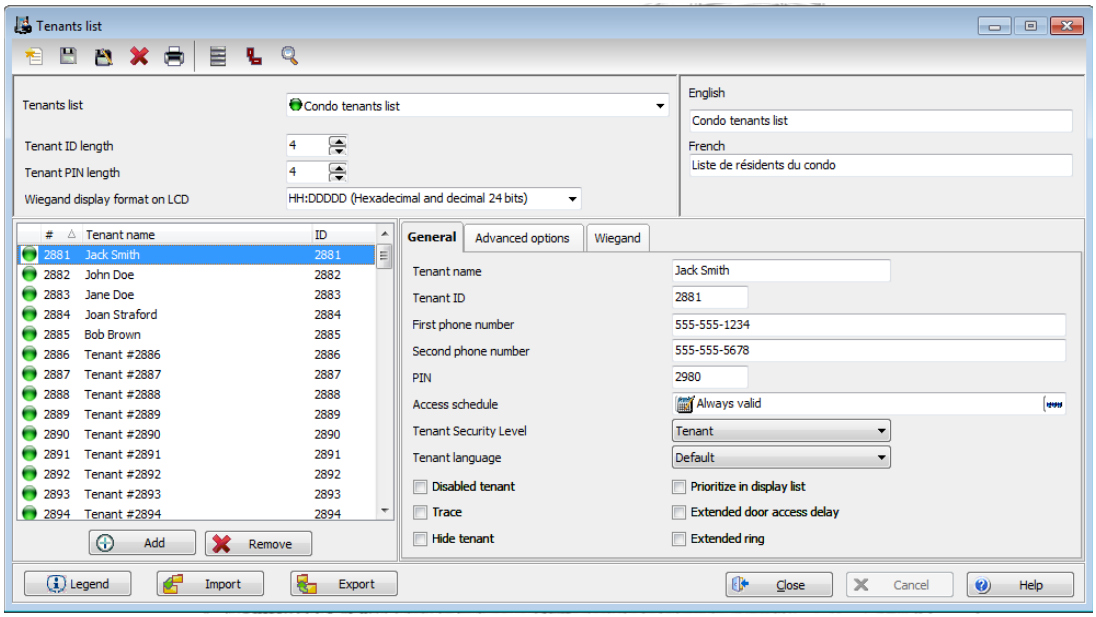
Tenants List

The tenant is a resident in an apartment building or an employee in a company. The tenant can grant access to a visitor. Tenants list can be created in EntraPass to be used with the KTES.

Creating a New Tenants List

1 From the **Users** toolbar, select the **Tenants list** button.
2 Edit the **Tenants list** name. Default value is **New tenant list**.
3 Select the **Tenant ID length** (1 to 5). Default value is 4.
4 Select the **Tenant PIN length** (4 to 6). Default value is 4.
5 Select the **Wiegand display format on LCD**. Possible values are:
- Hexadecimal 24 bits
- Hexadecimal and decimal 24 bits
- Hexadecimal 32 bits
- Hexadecimal and decimal 32 bits
- Decimal ABA 8 digits
- Decimal ABA 10 digits

Default value is Hexadecimal 32 bits



Adding New Tenants to the List

1 Select the **General** tab.

2 Click the **Add** (**+**)button. You can use the **Legend** button to display the actual status of each tenant.

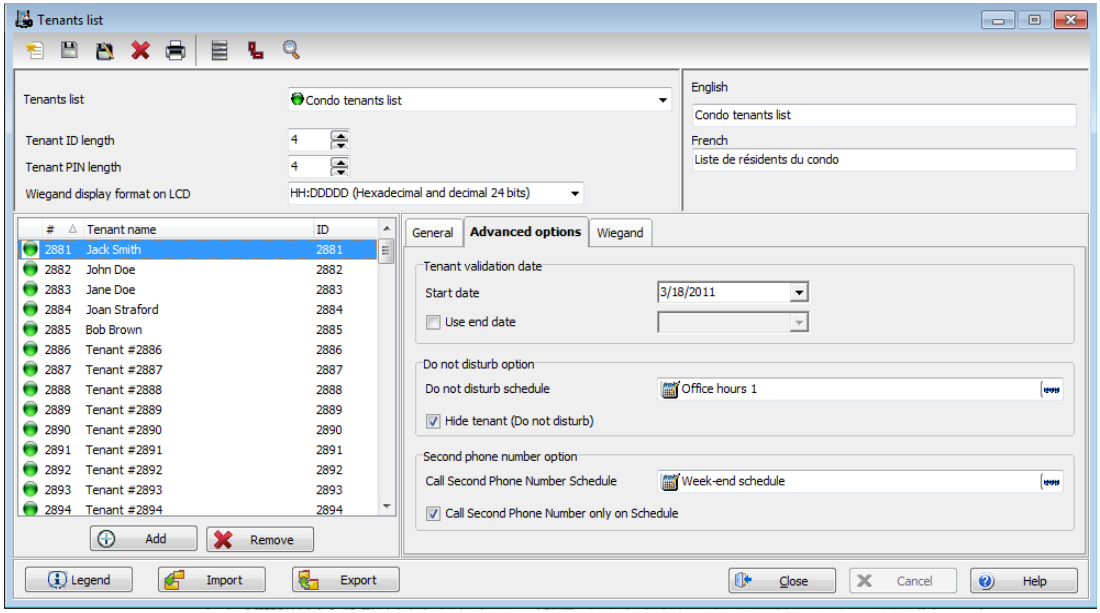
3 Configure the tenant parameters:

- **Tenant name**: Enter the tenant's name (20 characters maximum). Default value is **New tenant**.
- **Tenant ID**: Enter the tenant's ID. The tenant's ID is an identification code consisting in a 1 to 5-digits number a visitor can use to call a tenant. The number of digits available for an ID has already been configured when the list was created. Default value is 0000.
- **First phone number**: Enter the first phone number. The first phone number is used when a visitor select the tenant from the KTES directory. If no phone number is entered, the tenant cannot be called by the KTES system and will not be displayed in the KTES directory either (15 digits maximum). Default value is empty.
- **Second phone number**: Enter a second phone number. The second phone number is used by the KTES to contact the tenant when there is no answer to the first number (15 digits maximum). Default value is empty.
- **PIN**: A Personal Identification Number (**PIN**) consists of a 4 to 6-digits number configured for each tenant. The number of digits available for a PIN has already been configured when the list was created. Default value is 0000.
- **Access schedule**: Enter the access schedule. For security reasons, an **Access Schedule** should be configured in order to link a schedule with the tenant access rights. A tenant can access the building according to specific time, days and holidays defined in the system.

Default value is **Always valid**. Refer to see "Schedules Definition" on page 1 for more information on schedules definition.

- **Tenant admin level**: Select the administration level for the tenant (Installer, Owner, Maintenance or Tenant). Default value is **Tenant**.
- **Tenant language**: Select the default language used by the KTES for the tenant (System, English, French, Spanish, Custom). Default value is **Default** (for more information on the system language, see "Kantech Telephone Entry System (KTES) Configuration" on page 155.
- **Disabled Tenant**: A **Disabled Tenant** status allows the activation of a relay and/or the generation of an alarm. Default value is unselected (**enabled**).
- **Trace**: The trace option allows the activation of a relay and/or the generation of a traceability event. Default value is unselected (**not traced**).
- **Hide tenant**: This option is used if you want the current tenant's name to be displayed or hidden. Default value is unselected (**displayed**).
- **Extended door access delay**: The extended delays correspond to the additional time lapse a door should stay unlocked and could be kept opened (for instance, a handicapped person could need more time to access to a building). Default value is unselected (**no extended delay**).
- **Extended ring**: The system can allow an extended number of rings in order to give more time for the tenant to answer. Default value is unselected (**no extended ring**).

4 Select the **Advanced options** tab.



5 Set the **Tenant validation date**:

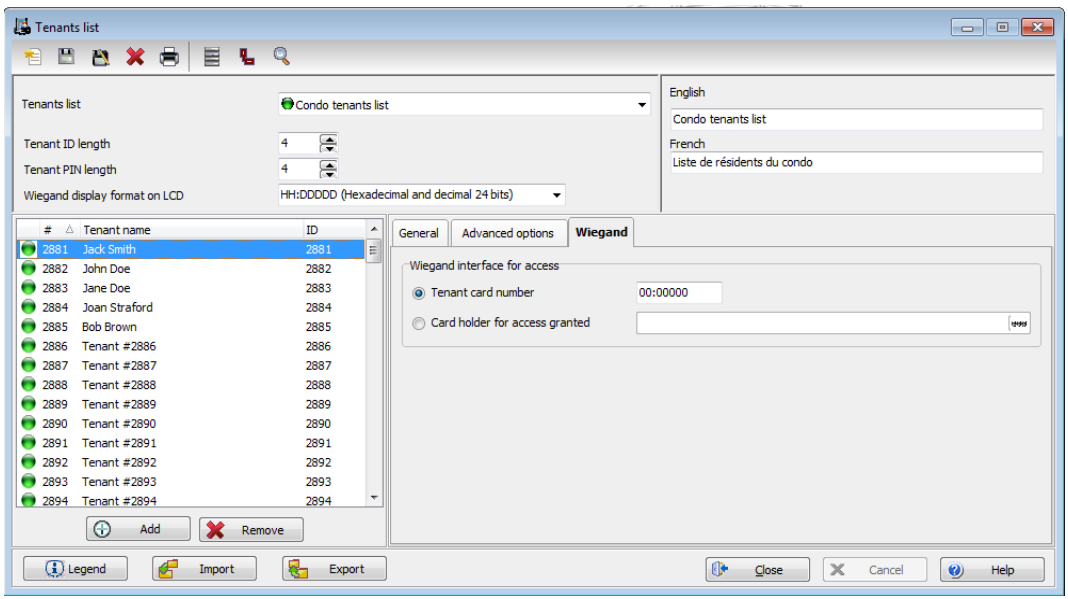
- **Start date**: The **Start date** is the date from which the tenant can access the system. Enter the date in the field (mm/dd/yyyy) or click on the **calendar** button to select a date. Default value is empty.
- **Use end date**: The **end date** is the date at which the tenant cannot access the system anymore and its status is no more valid. Select the checkbox to enable the end date. Default value is unselected (**no end date used**). Enter the date in the field (mm/dd/yyyy) or click on the calendar button to select a date. Default value is empty.

6 Set the **Do not disturb** option. This functionality is used to place the tenant in a “Do not Disturb” (DnD) status if the selected schedule is active. You would check the **Hide tenant** check box if you would like the tenant to remain hidden from the list or for search option while in the DnD status.

7 The **Call second phone number** option enables the use of a second phone number immediately (bypassing the first number) when the schedule is active. If you would like to use the second phone number only when the selected schedule is active, you would need to make sure the **Call second phone number only on schedule** box is checked.

8 Set the **Wiegand interface for access granted**:

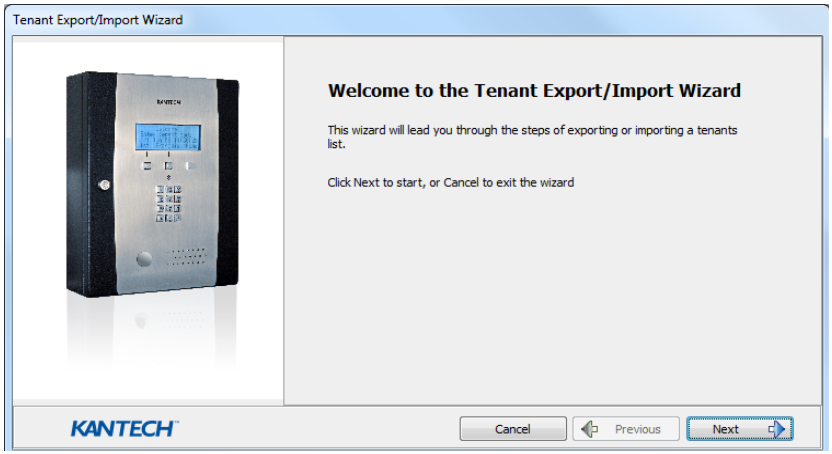
- **Tenant card number**: A 64-bit number associated to each tenant. This number is used by the tenant to get access from the KTES.
- **Card holder for access granted (not available in EntraPass KTES Edition)**: This card holder’s number will be the first card number to be used by the tenant to get access from the KTES.



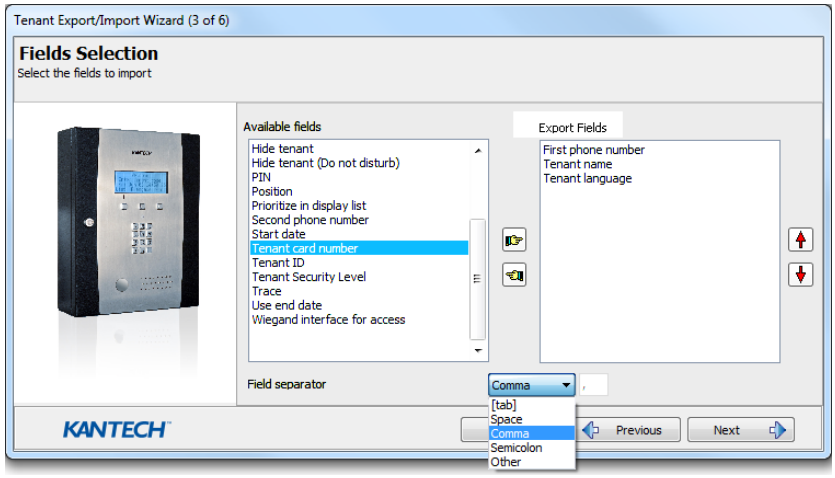
Importing a Tenant List

In order to ease the process of importing tenant lists, an automated procedure has been implemented to guide you through the various steps.

Step 1: Click the **Import** button to run the **Tenant Export/Import Wizard**.

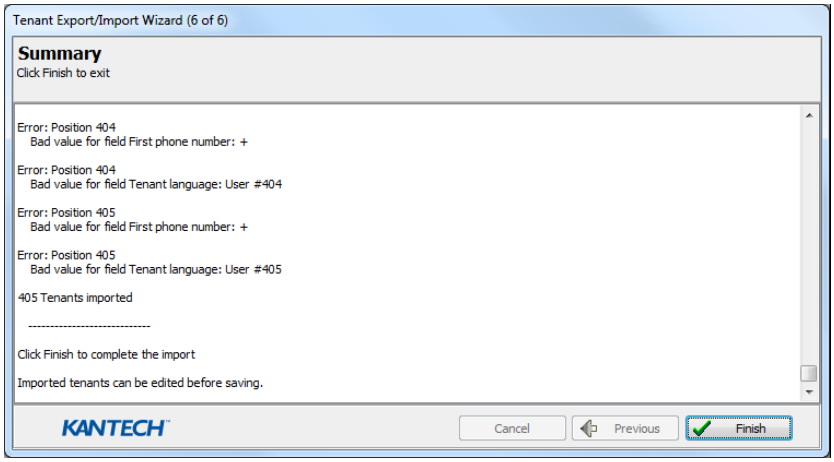

Tenant Export/Import Wizard
Welcome to the Tenant Export/Import Wizard
This wizard will lead you through the steps of exporting or importing a tenants list.
Click Next to start, or Cancel to exit the wizard
KANTECH
Cancel
Previous
Next

Step 2: Click the **Next** button and select a CSV format source file.
Step 3: Click the **Next** button and choose the field to be imported from the list at right. Use the left and right “hand” buttons to add or remove data fields. A different field separator can also be selected (default is Comma).



Step 4: Click the **Next** button and select the tenants to be imported.
Step 5: Click the **Next** button and then the **Import** button to complete the operation.

Step 6: Click the **Next** button to see a summary of the imported data.


Tenant Export/Import Wizard (6 of 6)
Summary
Click Finish to exit
Error: Position 404
Bad value for field First phone number: +
Error: Position 404
Bad value for field Tenant language: User #404
Error: Position 405
Bad value for field First phone number: +
Error: Position 405
Bad value for field Tenant language: User #405
405 Tenants imported
Click Finish to complete the import
Imported tenants can be edited before saving.
KANTECH
Cancel
Previous
Finish

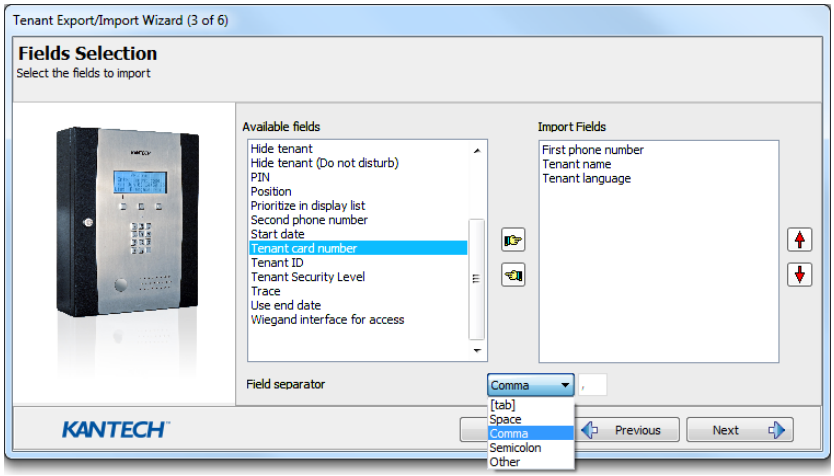
Exporting a Tenant List

As for the importation, an automated procedure has been implemented to guide you through the various steps of exporting a tenant list.

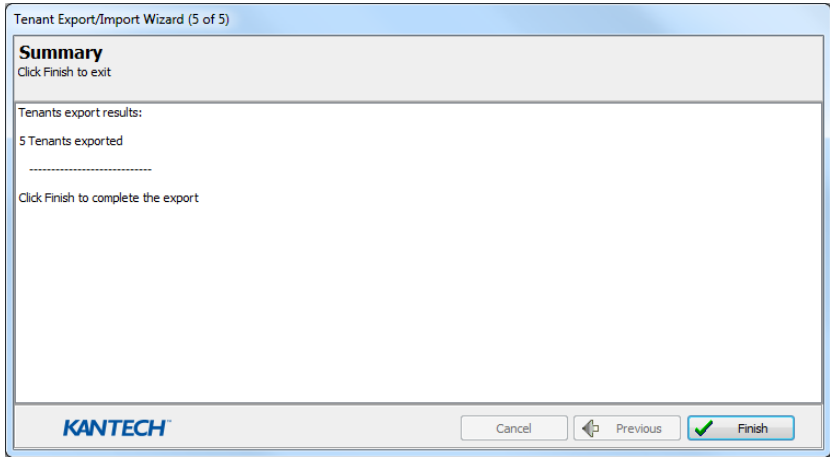
Step 1: Click the **Export** button to run the **Tenant Export/Import Wizard**.

Tenant Export/Import Wizard
Welcome to the Tenant Export/Import Wizard
This wizard will lead you through the steps of exporting or importing a tenants list.
Click Next to start, or Cancel to exit the wizard
KANTECH
Cancel
Previous
Next

Step 2: Click the **Next** button and choose the field to be exported from the list at left. Use the left and right “hand” buttons to add or remove data fields. A different field separator can also be selected (default is Comma).



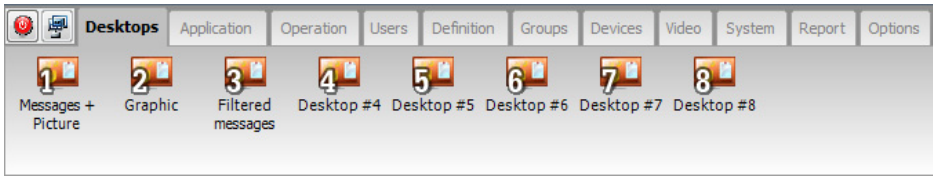
Step 3: Click the **Next** button and select the tenants to be exported.
Step 4: Click the **Next** button and select a CSV format destination file. Click the **Export** button.
Step 5: Click the **Next** button to see a summary of the exported data.



EntraPass Desktops

The Desktops Toolbar

Use the **Desktops** toolbar to define Desktops. Desktops can receive and display system events (current or historical), alarms, cardholders's picture, system graphics, etc. A desktop can also be used to acknowledge alarms, display instructions, etc. There are eight (8) pre-defined desktops. These can be configured as follows:



- Desktop 1: All system events
- Desktop 2: System events and pictures
- Desktop 3: Filtered system events
- Desktop 4: Filtered system event and picture, etc.
- Desktop 5: Alarms screen
- Desktop 6: Graphic screen
- Desktop 7: Custom Report
- Desktop 8: Video desktop, if the Video option is enabled in EntraPass.

The following windows can be combined with other desktops:

- Instructions
- Pictures
- Custom Reports

It is possible to display more than one window at a time. Depending on their security level, operators can modify the settings of each of these windows (background color, size, toolbar, etc.). However, an operator whose access level is 'read-only' on a given desktop cannot modify, move, maximize or minimize a desktop.

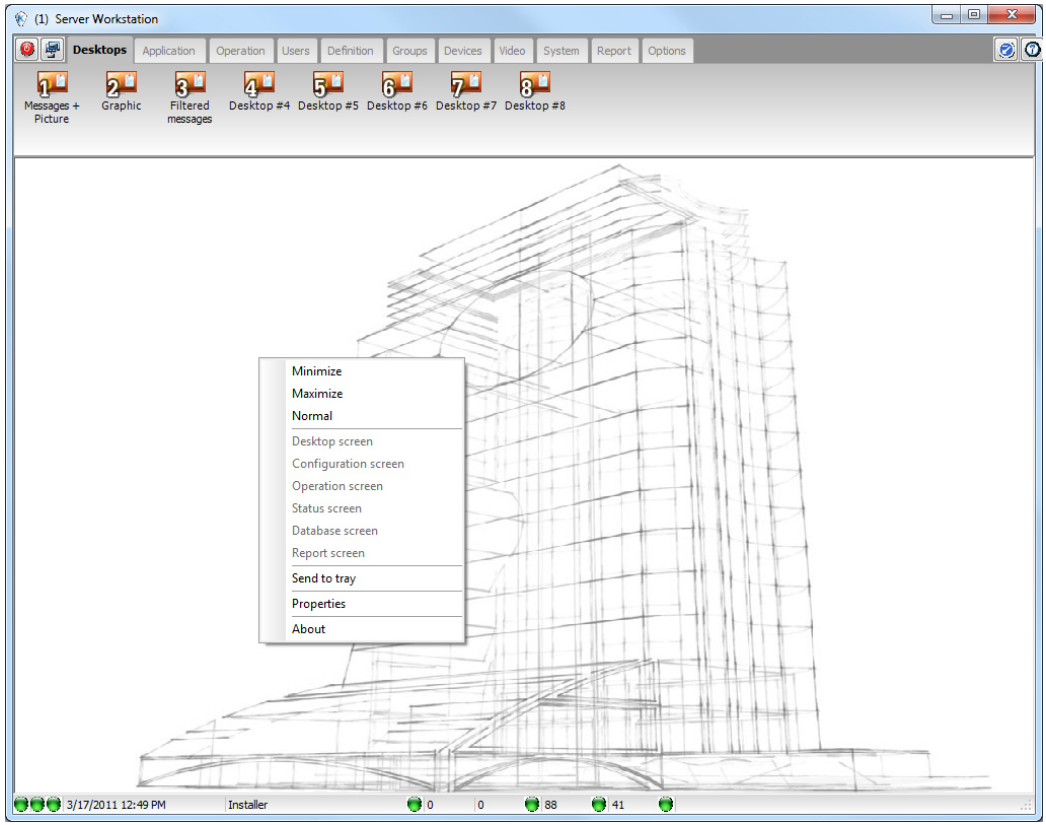
Note: *Only operators with the required security level can customize their desktops (***System** *tab > **Security Level**). They also have the ability to allow "Read-only operators" to modify their desktop settings. In this case, the changes apply only to the current session.*

Work Area Customizing

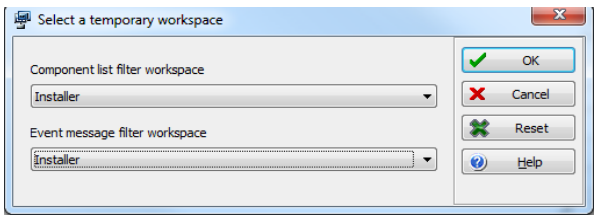
EntraPass enables operators, with appropriate permissions, to customize their work area, to create a temporary workspace and to modify the desktop properties. To define an operator's security level: **System** tab > **Security Level**.

Creating a Temporary Workspace

1 From the Desktop window, right-click in the area below the menu bar.



2 Choose **Select a temporary workspace** from the shortcut menu.



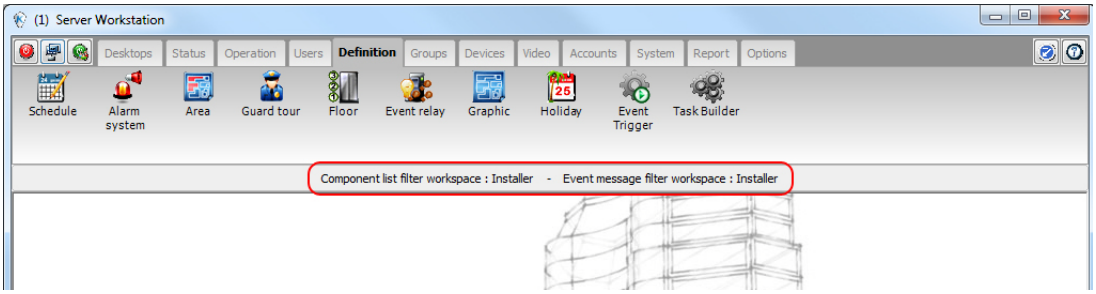
3 Choose the **Component list filter workspace** and the **Event message filter workspace** from the drop-down menus in order to create a temporary workspace.

- The **Component list filter workspace** lets you select the specific component list of an existing workspace.

- The **Event message filter workspace (optional)** lets you select only the upcoming messages, not the buffered messages, from an existing workspace.

Note: *A temporary workspace must include a* ***Component list filter workspace*** *selection to be enabled. If you only select an* ***Event message list filter workspace****, the temporary workspace banner will not display.*

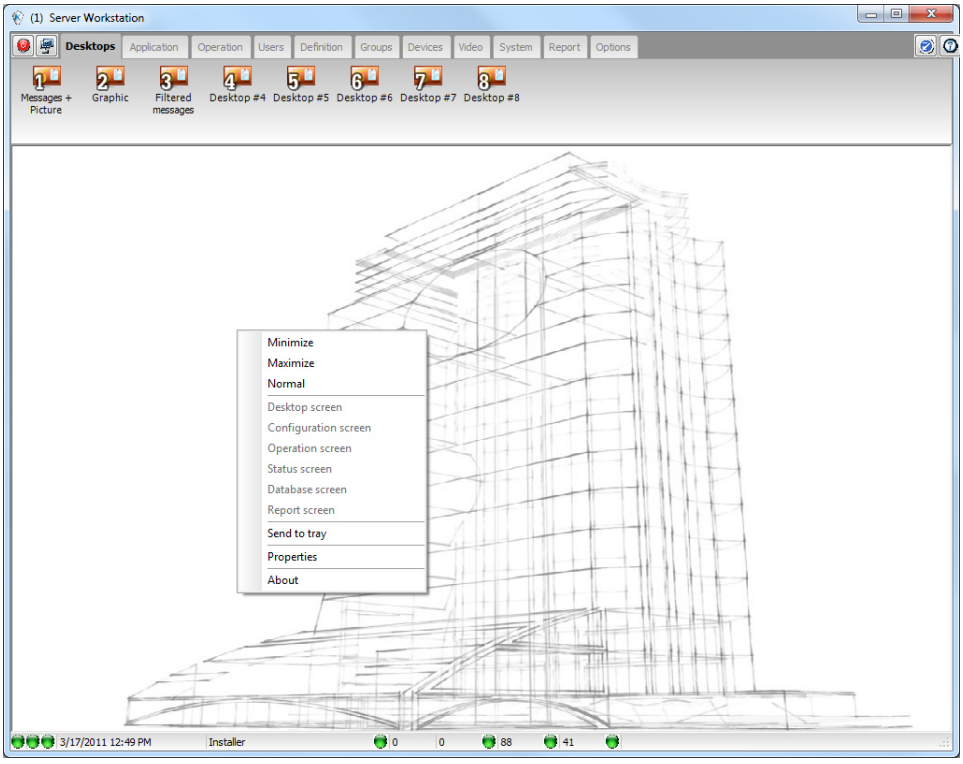
4 Click **OK**. A banner displays below the menu bar with the names of each selection of the temporary workspace.



5 Repeat **Steps 1** to **4** to return to the original workspace or double-click on the banner to create or modify the temporary workspace.

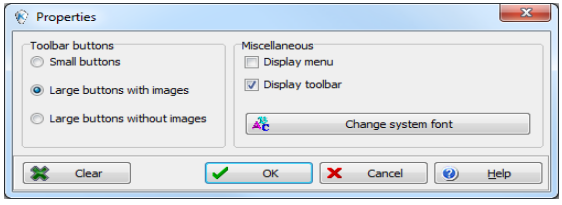
Changing the Display Properties

1 From the Desktop window, right-click anywhere in the window.



2 Select **Properties** from the shortcut menu.

3 From the Properties window that appears, select the display options: you may change the default size of buttons, the default background color, etc.



- **Small buttons**: If this option is selected, small components' icons are displayed with no descriptive text. This option can be appropriate for operators who are familiar with EntraPass icons and do not need an additional description.
- **Large buttons with images**: Icons are displayed with their description.
- **Large buttons without images**: Large buttons are displayed with no description.
- **Display menu**: check this option to view the system menu.
- **Display toolbar**: check this option to view the toolbar for system menus.
- **Background color**: select a background color for the whole work area.

- **Change system font**: click this button to change the font for all the user interface.

Message List Desktop

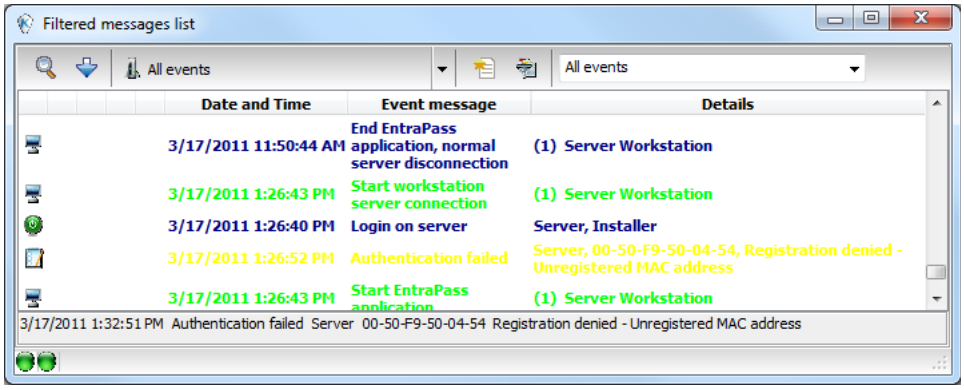
By default, the first desktop is defined as the **Messages List Desktop**. It displays all system events. Events are displayed with their icon, date and time, description, system components involved in the event such as controllers, cardholder pictures (if defined), etc. When a new event is displayed, the window scrolls up. The newest events are added at the bottom of the window.

Viewing and Sorting System Events

By default, the first desktop is dedicated to displaying system events.When you select an event from the list, you interrupt the incoming sequence (the green status indicator located at the bottom left part of the desktop turns red when scrolling is interrupted). By default, the scrolling will restart automatically after a pre-set period of time, unless the auto-scroll parameter was disabled, In that case, to restore the normal scrolling, click the **Restart Scroll** button.

Note: *If you configure a Desktop as a message screen and a picture screen, two windows are displayed simultaneously when you select the desktop.*

1 Select the first desktop. By default, all system events are displayed in ascending order with an area at the bottom of the screen that displays the selected event in the list.



Note: *You may change the message color: System > Events parameters. You may also change the events display order; see "Customizing Event Display in the Message Desktops" on page 92.*

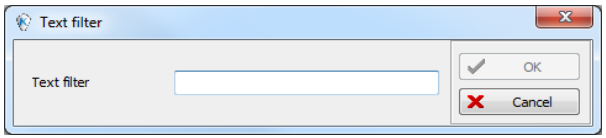
2 From the Message list screen, you may change the sorting criterion by clicking on the **Sequence** drop-down list. You may choose to sort by:

- **Sequence**: Events are sorted according to the normal sequence (default). New events are added at the bottom of the window. (This option is not available for Archived Messages Lists.)
- **Date and time**: This sort order interrupts the normal scrolling of events. This feature is useful when you want to know when an event was generated. This time may be different from the “normal sequence” for dial-up sites for instance or after a power failure.

- **Event**: When selected, the system sorts the **Event message** column in alphabetical order, grouping *identical* events. For example, all **Input in alarm** events are grouped together in alphabetical order.
- **Message type**: When selected, the system sorts the **Event message** column in alphabetical order, grouping *similar* events. For example, all **Site** events are grouped together in alphabetical order.

Note: *To go back to the default display, Select* **Sequence** *from the* **Sequence** *drop-down list.*

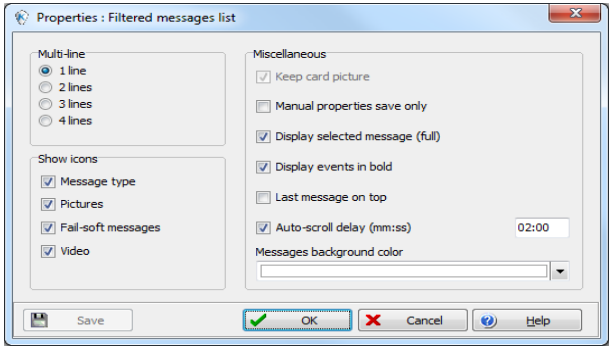
3 Clicking the **Text filter** button (top left of the **window**) will open the Text filter dialog that allows to enter a key word to display all the events that contain that keyword in the Message list. To close the Text filter dialog box, click **Cancel** or the Windows closing button (X).



4 To return to the normal display of events in the Messages list screen, click the **Text filter** button.

Customizing Event Display in the Message Desktops

1 From the displayed shortcut menu (**Message desktop** > Right-click a message), select **Properties**.

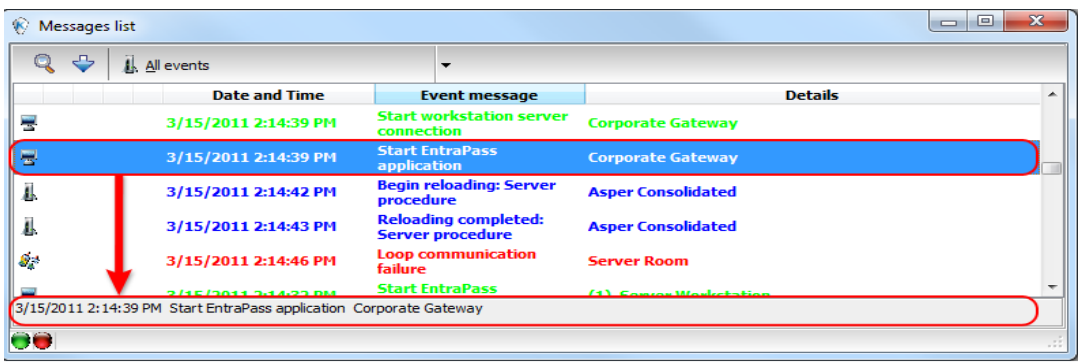


2 From the Properties window, select the appropriate display options.

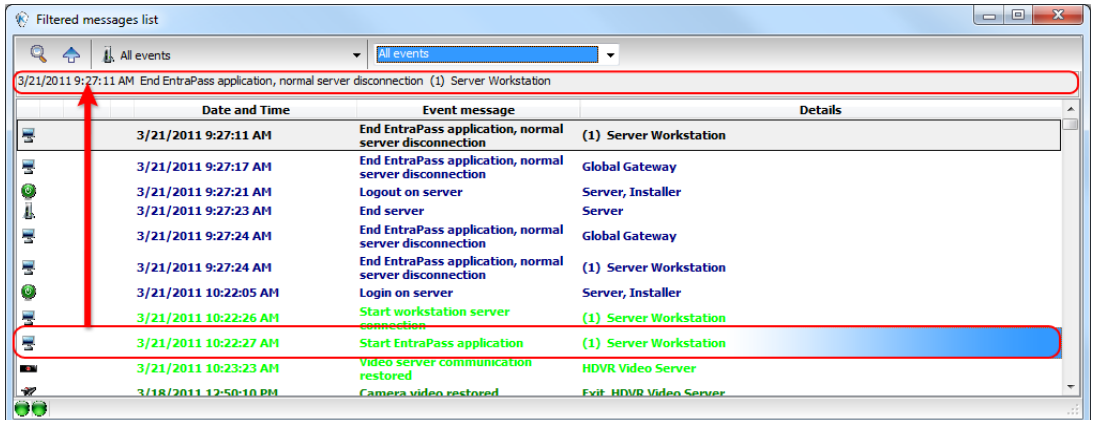
- **Multi-line**—Usually, events are displayed on a single line. You can increase the line spacing between events by checking the appropriate option (1, 2, 3 or 4 lines).
- **Show icons** —You can choose to display different types of icons beside each event.
  - **Message type**—When you select this option, the system inserts an icon next to events indicating the type of event. For example, if the event is a “door forced open” an icon representing a door is displayed (a hand represents a manual operation, a diskette represents the operation that modified the database, etc.). Access events are represented by the login/logout icons.
  - **Picture**—When you select this option, the system inserts a card icon next to events containing cardholder pictures.

- **Fail-soft messages**—When you select this option, the system displays a plus (+) sign next to the events that occurred when controllers were off-line.
- **Video**: check this option if you want the selected desktop to display video data from the video server connected to your system.

- The **Miscellaneous** section allows you to enable additional options:
  - **Keep card picture**—When selected, the system keeps the latest card picture (if the Picture window option is selected) until another event containing a card occurs.
  - **Display toolbar**—Displays/hides the toolbar on the top of the Message Desktop.
  - **Manual properties save only**—When you select this option, you have to click the **Save** button (once selected, the button is disabled). The system saves all the settings defined in the **Properties window** as well as the position of the window within the Messages Desktop.
  - **Display selected messages (full)**—When you select this option, a smaller window is added at the bottom portion of the **Message window**. It displays the selected event with its full description. This feature is very useful when your Message window is too small to display the entire description of an event.
  - **Display events in bold**: select this option to increase the legibility of text event messages displayed in EntraPass desktops (Message list, Filtered messages and Alarm desktops). Moreover, if the color selected for an event message is the same color as the background color, the event message will be displayed in black bold so that it can always stand out. (This option is not available for Archived Messages Lists.)
  - **Last Message on Top:** By default, event messages are displayed in ascending order of occurrence, with the area at the bottom of the screen reserved for the highlighted event. You can select to display the events in descending order, with the highlighted event showing above the list of event messages.



Ascending Order



- **Auto-scroll delay (mm:ss):** Will automatically start scrolling the message list after a pre-set delay when the operator selects an item in the list. By default, this option is turned on with a preset delay. You can select to turn this option off which means that the operator will have to click the **Restart Scroll** button in the Messages List. (This option is not available for Archived Messages Lists.)

- **Message background color**—Allows the operator to modify the background color of the message window.

Note: *To change the font color of system messages:* **System > Event parameters.**

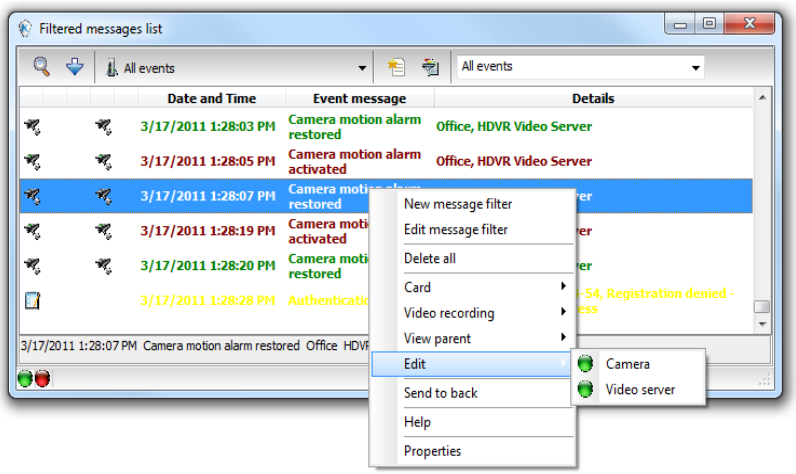
Performing Tasks on System Messages

EntraPass enables you to perform various tasks on system events. These include:

- Deleting messages
- Viewing card information
- Validating card status and card transaction
- Modifying the desktop properties (such as display options), etc.
- Play, edit and export video recordings
- Play archived videos from the EntraPass Video Vault

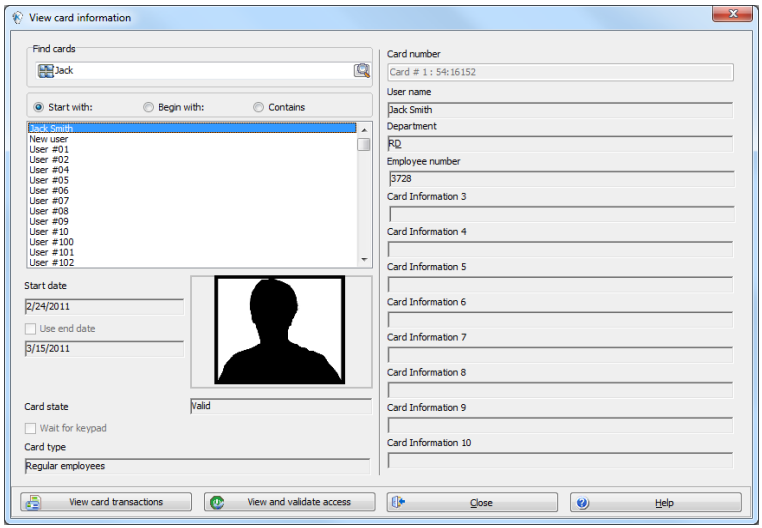
Note: *Some tasks are related to the selected desktop. For example, if you right-click an alarm event, the shortcut menu displays tasks that are related to alarm events. For details, see "Alarms Desktop" on page 104.*

1 From the Message desktop, right-click an event to enable a shortcut menu:



2 Do one of the following:

- **New message filter:** This option displays the **Message filter** dialog to define new message filters (see Chapter 11 ‘Message Filters Definition’ on page 347 for more information).
- **Edit message filter:** This option displays the **Message filter** dialog to edit an existing message filter (see Chapter 11 ‘Message Filters Definition’ on page 347 for more information).
- **Delete all**: This option allows an operator to delete all the events displayed.
- **Card**: This menu items offers two choices: **View card transactions** and **Search card**. Select **View card transactions** to display all access information related to the cardholder who has triggered the access event. The **Search card** shortcut allows you to browse the card database and to display information about all the card numbers associated with this specific card user name from the **View card information** window. From this window, operators can perform a variety of tasks including viewing and validating information contained on a card, such as the card number, cardholder name, card state (valid or invalid), card type, etc. They can also select a card and view its transactions or view and validate a card access. For details about validating cardholders’ access and last transactions, *see Chapter 5 ‘Cards Definition’ on page 49*.



- **Video recording**: This menu items offers three options: **Play, Play/Edit/Export** and **Play from Vault**. Selecting **Play** allows users to play the video event in the Playback window, offering options to snap (copy) it and save it for future use. Selecting **Play/Edit/Export** offers users features similar to the ones in the Video Event List. Operators can then display details about the event (camera, server, comment field) and camera information, etc. The video event can also be played and exported. Selecting **Play from Vault** allows operators to view a video that is already stored in the EntraPass Video Vault.

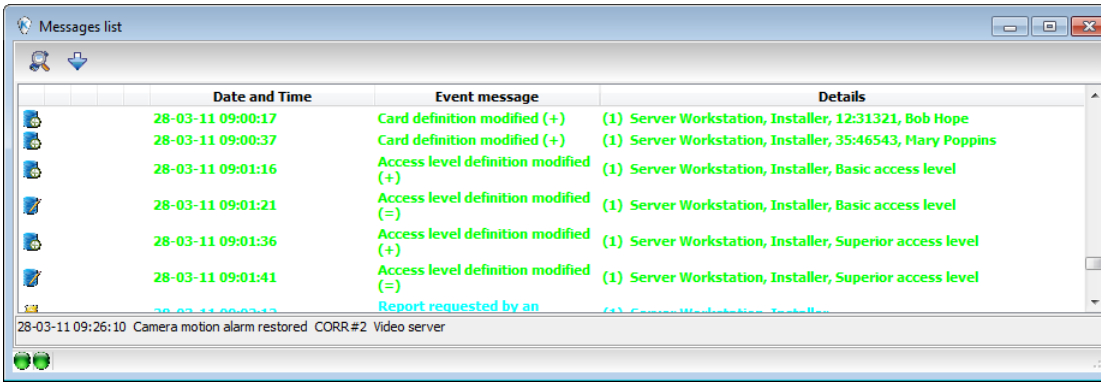
Note: *If camera icons are not displayed, simply right-click a video event message, select properties from the shortcut menu, and check Video in the Show icons section of the Properties*

- **View parent**: Displays the parent of each component related to the selected event.
- **Edit**: This feature offers you the ability to edit each component associated with the selected event. If **Edit** is selected, a shortcut menu displays components associated with the selected event. In this example, the *Site definition modified* event involves the EntraPass application, the operator who was on duty when the event was generated and the site related to the event. It is now possible to edit any of the three components by selecting it from the shortcut menu. If the selected event is an access event and if the card that triggered the event has already been registered in the system, it will be possible to edit the card. However, if the card is associated with an Access denied - card unknown event, the card will be created and registered in the system.
- **Send to back**: This option only works when the window type is set to floating. It sends the active window behind the main application window. To bring back to front, right click the desktop button, then select **Bring to front**.
- **Help**: Displays the **EntraPass Online Help**.
- **Properties**: This menu item enables users to modify the display properties for the selected desktop.

Add, Modify or Delete Tagged Events

You can see, in the desktop message list, if a component was newly created, modified or deleted. Database events are precessed by the following signs:

- **+** (New)
- **=** (Modified)
- **-** (Deleted)

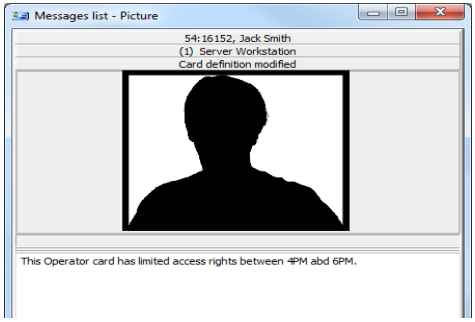

Messages list
Date and Time
Event message
Details
28-03-11 09:00:17
Card definition modified (+)
(1) Server Workstation, Installer, 12:31321, Bob Hope
28-03-11 09:00:37
Card definition modified (+)
(1) Server Workstation, Installer, 35:46543, Mary Poppins
28-03-11 09:01:16
Access level definition modified (+)
(1) Server Workstation, Installer, Basic access level
28-03-11 09:01:21
Access level definition modified (=)
(1) Server Workstation, Installer, Basic access level
28-03-11 09:01:36
Access level definition modified (+)
(1) Server Workstation, Installer, Superior access level
28-03-11 09:01:41
Access level definition modified (=)
(1) Server Workstation, Installer, Superior access level
28-03-11 09:26:10 Camera motion alarm restored CORR#2 Video server

Picture Desktop

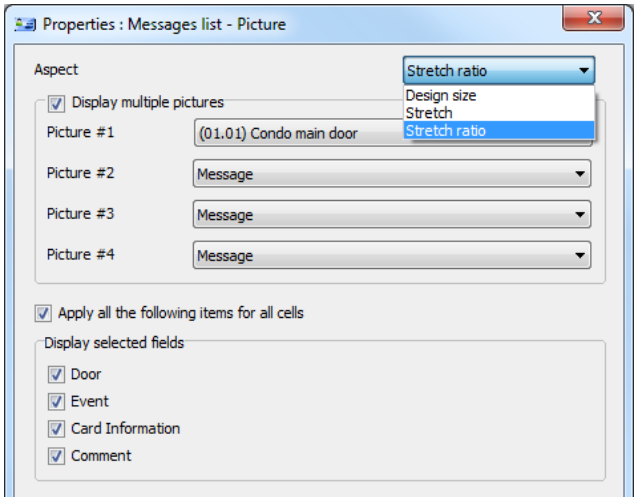
If you selected **Picture screen** when defining the Message desktop, it will be displayed with the Picture window. Access events are displayed with the cardholder's picture if you have set the appropriate display option in the Message filter definition (System > Message filters). For details, *see "Message Filters Definition" on page 347*.

Modifying Pictures Display Options

1 From the **Message list and Picture**, select an access event, then right-click the cardholder's picture.


Messages list - Picture
54:16152, Jack Smith
(1) Server Workstation
Card definition modified
This Operator card has limited access rights between 4PM abd 6PM.

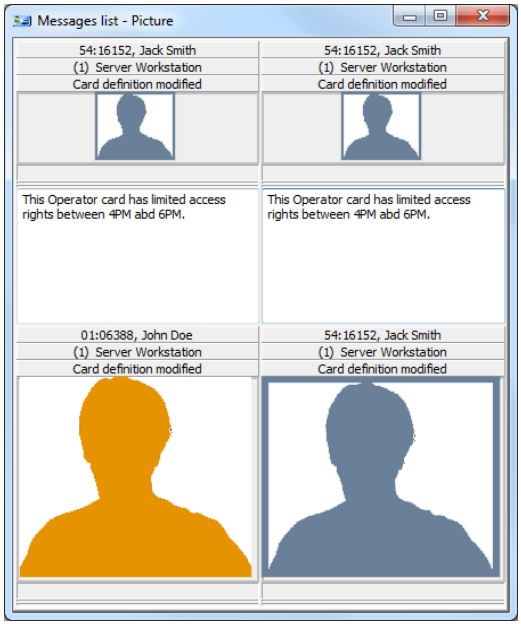
Note: ***Send to back****—This option only works when the window type is set to floating. It sends the active window (Picture window) behind the Message desktop main window. To bring it back to front, right click the Message desktop button, then select* ***Bring to front*** *from the shortcut menu. From the shortcut menu, select* **Properties**.



2 **From the Aspect** drop-down list, select the display size for the picture:

- **Design size**: the cardholder's picture will be displayed with its original size.
- **Stretch** —This option stretches the picture to the window size without maintaining proportions. The picture may appear distorted.
- **Stretch ratio**—This option stretches the picture to the window size while maintaining proportions.

3 The **Display multiple pictures** option allows you to show up to four photos, depending on your needs. When selected, you can keep the default value "*Message*" or choose a specific door for each of the four photos.


Messages list - Picture
54:16152, Jack Smith
(1) Server Workstation
Card definition modified
54:16152, Jack Smith
(1) Server Workstation
Card definition modified
This Operator card has limited access rights between 4PM abd 6PM.
This Operator card has limited access rights between 4PM abd 6PM.
01:06388, John Doe
(1) Server Workstation
Card definition modified
54:16152, Jack Smith
(1) Server Workstation
Card definition modified

4 Check **Apply all the following items for all cells** to assign the parameters to all cells.

5 Select the information you want to see displayed with the cardholder's picture:

- **Door**: The door where the card was presented will be displayed above of the cardholder's picture
- **Event**: The event message will be displayed
- **User information**: The **User information** field will be displayed above the picture.
- **Comment**: If this option is selected, a comment field appears below the cardholder's picture. The comment entered when defining the card appears in this field.

Note: *If a door is associated to a cell (photo) and the option **Door** is selected (**Display selected fields**), the name of that door will be displayed in blue instead of the usual black color.*

Filtered Messages Desktop

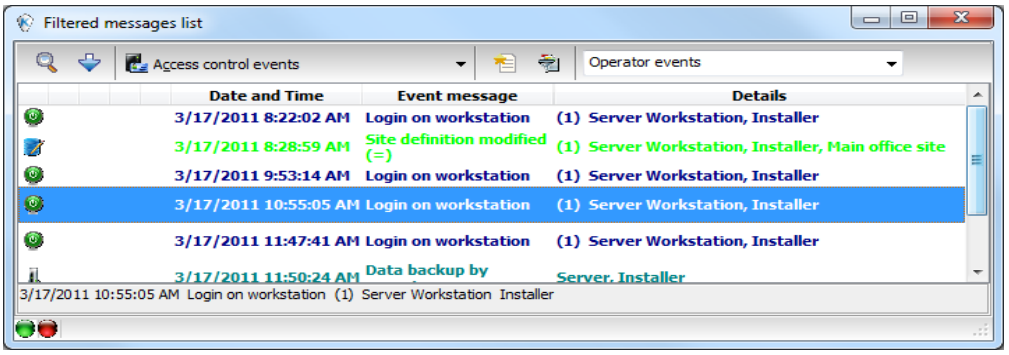
The Filtered Messages desktop allows operators to display specific events. For example, you can create filters to display events that are related to a specific controller and from a particular gateway of the system. If this is the case, those events will be displayed in the Filtered Message desktop. Filtered messages are defined in the Message filters menu: **System** > **Message filters**.

Note: *When you use filters, the system retrieves events that are already displayed in the Messages desktop and filters these events according to the selected filters.*

Configuring a Filtered Messages Desktop

1 From the Desktop main window, select the desktop you want to configure as a **Filtered messages desktop**.

2 Assign a meaningful name to the **Filtered message desktop**; then define the desktop type (Message window, Picture window or both).


Filtered messages list
Access control events
Operator events
Date and Time
Event message
Details
3/17/2011 8:22:02 AM Login on workstation (1) Server Workstation, Installer
3/17/2011 8:28:59 AM Site definition modified (=) (1) Server Workstation, Installer, Main office site
3/17/2011 9:53:14 AM Login on workstation (1) Server Workstation, Installer
3/17/2011 10:55:05 AM Login on workstation (1) Server Workstation, Installer
3/17/2011 11:47:41 AM Login on workstation (1) Server Workstation, Installer
3/17/2011 11:50:24 AM Data backup by Server, Installer
3/17/2011 10:55:05 AM Login on workstation (1) Server Workstation Installer

3 You can change the **Text filter**, to display specific events. For details on the Filtered messages desktop, *see "Message List Desktop" on page 91*.

Custom Report Desktop

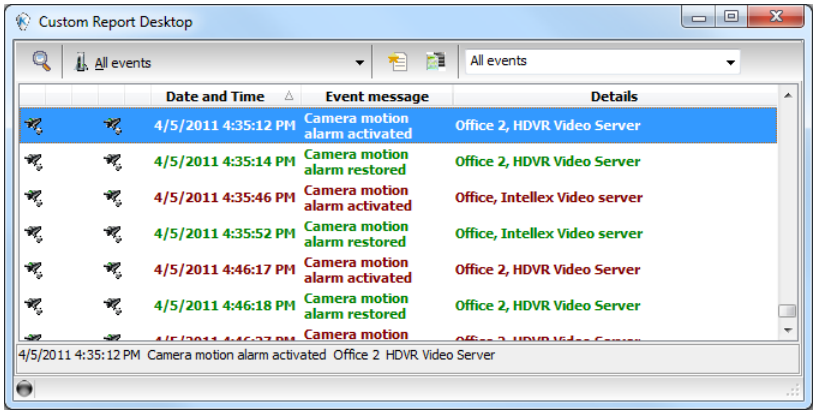
The **Custom Report** desktop allows operators to display events that come from pre-defined reports, view the report generation state and, when available, to play video recordings from the EntraPass Video Vault. Security levels will determine which custom reports are available to each operator. The **Custom Report message list** operates the same way as all message lists in EntraPass except that it has an extra combo box that allows operators to select a pre-defined custom report.

Custom reports are defined under **Report > Custom Report.**
Security levels for reports are defined under **System > Security Level >** under the **Report** tab.

Configuring a Custom Reports Desktop

1 From the Desktop main window, click the desktop button you want to configure as a **Custom Reports** Desktop.

2 Assign a meaningful name to the Custom Reports Desktop, then define the desktop type (Message window, Picture window or both).



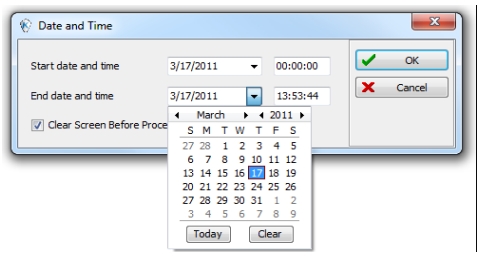
3 Select the sort criteria you want to use to display historical data from the drop-down list (**Date and Time**, **Event**, or **Message Type**).

Note: *The sequential sort option is not available for archived messages.*

4 You can enter a text string that will be used for searching specific archived messages (when applicable).

5 In the combo-box, select the custom report you want to generate. The list of available reports corresponds to your security level.

6 After selecting the report, a **Date and Time** window will popup requesting a reporting date and time period.



7 Enter **Start** and **End date and time** or click the calendar icon to open the calendar and select the start and end dates, and then type in the start and end times.

8 Check the **Clear Screen Before Process Request** box in order to clear the Custom Report message list of the previous search results.

9 Click **OK**. The status indicator light located at the bottom left of the screen will change from green to blue to indicate a custom report is being generated. It will turn green again when the data transfer will be completed and the data will be displayed according to the criteria you have selected.

To Create and Edit Custom Reports from a Desktop

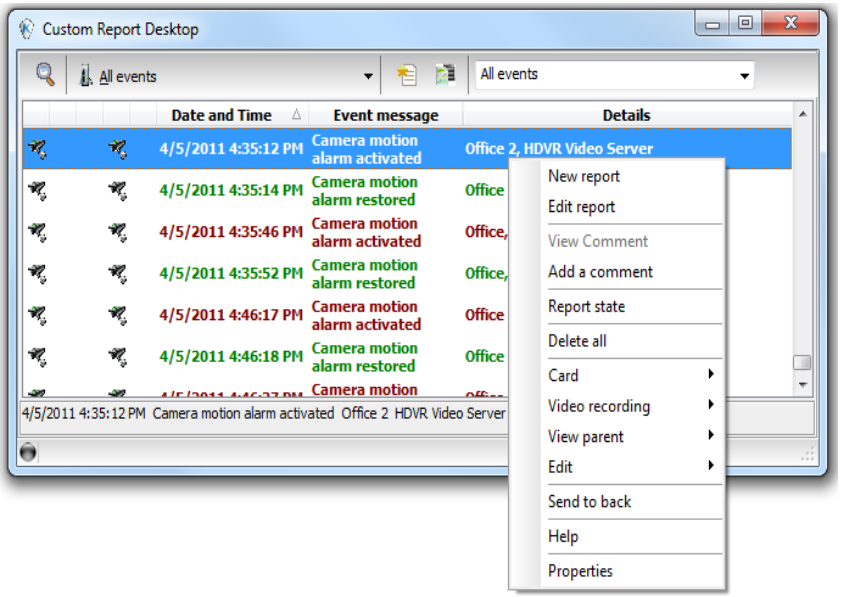
- When your security level allows you to create new reports, you can access the Custom Report dialog from the **New Report** command in the Custom Report Desktop pop up menu. For more information on Custom Reports, see *see "Custom Reports Definition" on page 125.*

- When your security level allows you to edit existing reports, you can access the Custom Report dialog from the **Edit Report** command in the Custom Report Desktop popup menu. For more information on Custom Reports, *see "Custom Reports Definition" on page 125.*

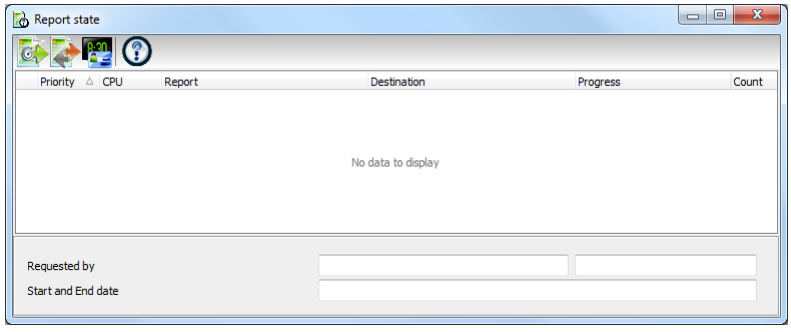
To Display Custom Report State in Real-time

This feature allows you to view the progress of report generation for a specific report in the Custom Report Desktop List.

1 Right-click an entry in the Custom Report Desktop window. A contextual menu will pop up.



2 Select **Report State**. The Report State dialog will open displaying Report generation information.

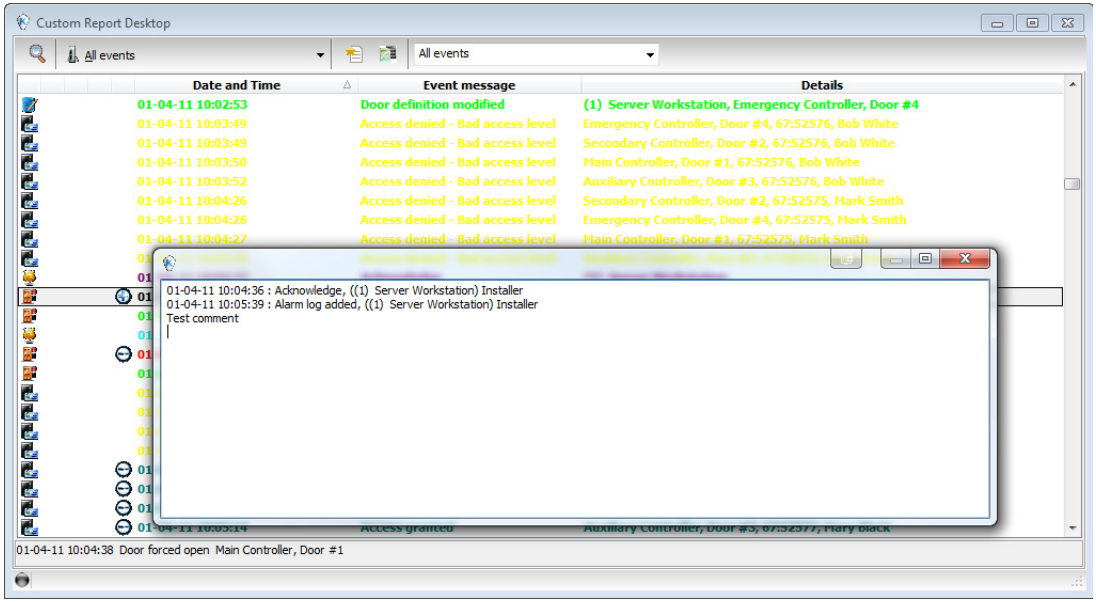


3 When the report is finally generated in the Desktop window, the information in the Report State dialog will disappear. Click **Close**.

Comment Entry and Display

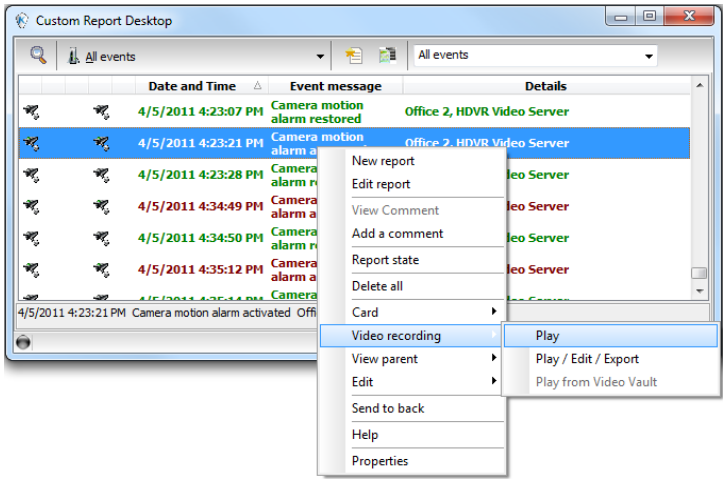
Also, a comment can be added to any type of event. In the fifth column from the left, a '-'sign will indicate that a comment has been added by the system while a '+' sign will indicate a manually added comment. From the **Custom Report Desktop**, you can display the comments associated to each event.

To view associated comments, select the event and use a right-click to display the contextual menu, then select **View Comment**. A comment can also be added using **Add a New Comment**.


Custom Report Desktop
All events
All events
Date and Time
Event message
Details
01-04-11 10:02:53 Door definition modified (1) Server Workstation, Emergency Controller, Door #4
01-04-11 10:03:49 Access denied - Bad access level Emergency Controller, Door #4, 67:52576, Bob White
01-04-11 10:03:49 Access denied - Bad access level Secondary Controller, Door #2, 67:52576, Bob White
01-04-11 10:03:50 Access denied - Bad access level Main Controller, Door #1, 67:52576, Bob White
01-04-11 10:03:52 Access denied - Bad access level Auxiliary Controller, Door #3, 67:52576, Bob White
01-04-11 10:04:26 Access denied - Bad access level Secondary Controller, Door #2, 67:52575, Mark Smith
01-04-11 10:04:26 Access denied - Bad access level Emergency Controller, Door #4, 67:52575, Mark Smith
01-04-11 10:04:27 Access denied - Bad access level Main Controller, Door #1, 67:52575, Mark Smith
01-04-11 10:04:36 : Acknowledge, ((1) Server Workstation) Installer
01-04-11 10:05:39 : Alarm log added, ((1) Server Workstation) Installer
Test comment
01-04-11 10:04:38 Door forced open Main Controller, Door #1

Playing archived video recordings from a Desktop Message list

1 Select the video you would like to play and right-click to access the contextual menu.



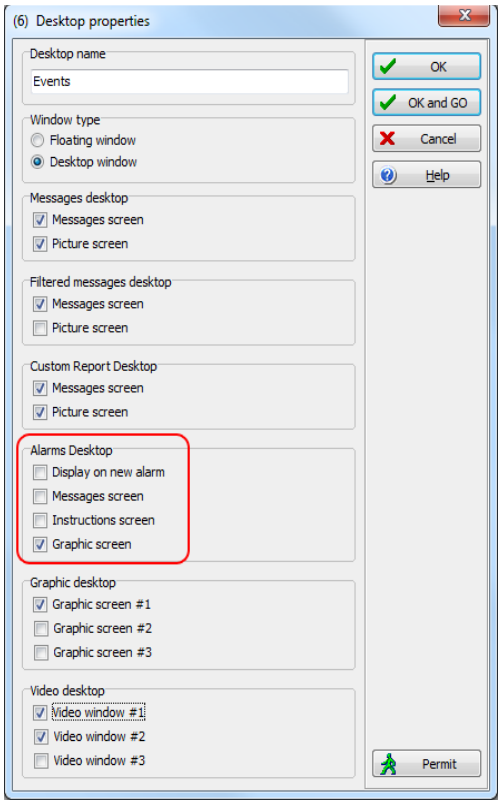
2 If the video has been stored into the Entrapass Video Vault, the **Play from Vault** option will be enabled. Once you click on it, the Video Playback window will open and start playing the selected recording.

Alarms Desktop

The Alarms desktop is used to view and to acknowledge alarm events. Alarm events are defined in the Event Parameter menu (**System > Event Parameters**). Any event can be defined as an alarm event. Alarm events require operator acknowledgment and are displayed in the Alarms desktop. A schedule must be defined for all alarms (**System** > **Event parameters**, **Alarm settings**). When an alarm is generated during a valid schedule, operators have to acknowledge the alarm. Alarms are displayed with date and time, alarm description, details, instructions (if defined) and associated graphic or video clip. New events are added at the bottom of the Alarm desktop unless you have setup the list to display in descending order (in the Alarm Desktop Properties dialog).

Defining an Alarms Desktop

1 From the Desktop main window, select the desktop in which you want to display alarm messages, then define the window type: **Floating** or **Desktop type**.



2 Specify the secondary windows that will be associated with the Alarms desktop:

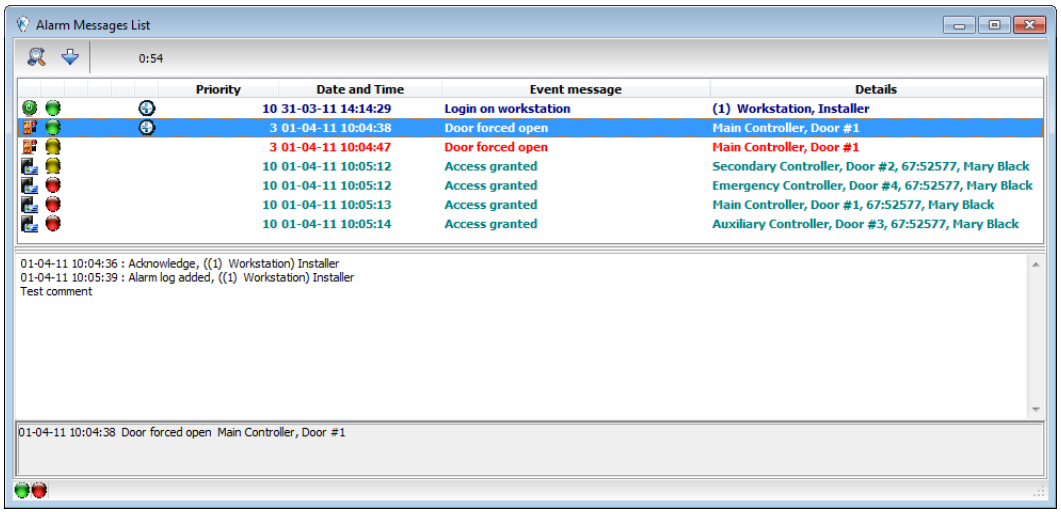
- **Display on new alarm:** Will open the Alarms desktop automatically when an alarm occurs.
- **Message screen:** This window allows operators to view and acknowledge alarms that have an “acknowledgement schedule” selected in the **Event Parameters** definition menu (**System** > **Event Parameters** > **Alarm settings**) or to display the auto-acknowledge button configured in the Operator dialog (**System** > **Operator** > **Privileges**).
- **Instructions screen:** This window displays the instruction that is linked to the event to be acknowledged (i.e. call the police, send a message to a client application, etc.). Instructions are defined in the **System** > **Instructions**. Then after, they may be associated with events.
- **Graphic screen**: This window will display the location of the alarm being reported (if graphics are defined in the system). For more information on assigning graphic, *see "Graphics Definition" on page 24*.

Note: *An Alarm desktop may be defined as a Message window, a graphic window and an Instruction window. These features may apply to a single desktop. When you select a desktop defined with these three features, three windows are displayed simultaneously. For a better display, you may need to resize and to position the windows.*

Viewing System Alarm Messages

1 Select the **Alarm** desktop. Alarm events are displayed according to the criteria selected in the **Sorted by** field.

Note: *Alarm messages are archived and can be retreived at all times.*



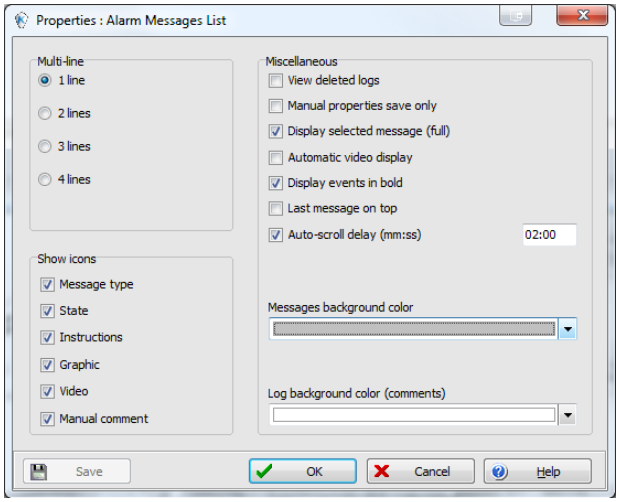
2 You can double-click the log area (middle of the window) to add a comment. The Add a comment window opens and enables you to enter text data. Once you have finished and clicked the **OK** button to close the window, the alarm event will be preceded by a + sign, indicating that an annotation has been added to the alarm event.

Note: *Acknowledgments and flags will not be identified by a "**+**" sign.*

3 You may change/define the sorting order (**Sorted by** drop-down list):

- **Sequence**—alarms are sorted by their order of arrival. This the default sequence. The window scrolls to the end each time a new alarm is displayed.
- **State**—alarms are sorted according to their status (acknowledged, to be acknowledged or flagged). When you use this option, you interrupt the normal scrolling of events. Select "sequence" to go back to the default display.
- **Date and time**—alarms are sorted according to the date and time of their arrival.
- **Event**—The **Event messages** column is sorted in alphabetical order, grouping *identical* events For example, all **Input in alarm** events are grouped.
- **Priority**—Events are sorted by priority (as defined in **Event parameter**).

4 You may right-click anywhere in the window to enable the **Properties** window from which you can enable alarm status icons:

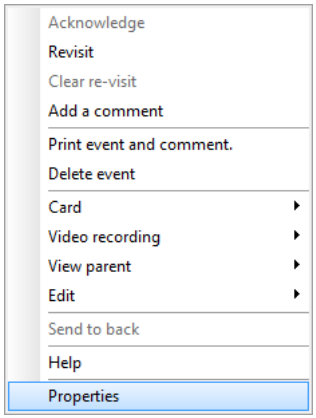


- **Red**—To be acknowledged or suspended. If suspended, the suspension delay is displayed. When the delay expires, the operator is required to acknowledge again. If the delay is not expired but the operator wishes to acknowledge a suspended alarm, he/she has to click on the delay. The delay will be reset to zero.
- **Green**—Acknowledged.
- **Yellow**—Flagged.
- **Black**—Deleted. To view alarms that have been manually deleted, select the **View deleted logs** from the **Properties**.
- **Blue**—Manual log.

5 Select the **Manual / Automatic** buttons to toggle the acknowledgement method (automatic or manual). Only operators who are assigned this feature in the Operator Definition menu can use this option. For more information, *see "Operators Definition" on page 292*.

Note: *The **Manual / Automatic** acknowledgement option is only available through the Alarms Desktop. When the operator logs out, it will return to "manual" by default.*

6 Right click an alarm message to perform additional tasks on alarm events:

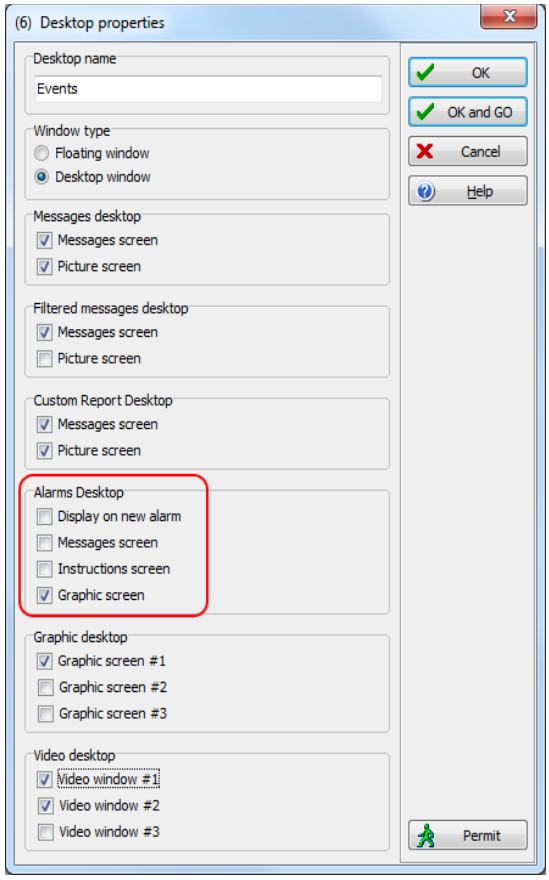


- **Acknowledge**—When selected, a green point is inserted beside an alarm event to indicate that the event was acknowledged.
- **Re-visit**—When selected, the system flags the selected event. A yellow indicator is inserted beside flagged events.
- **Clear re-visit**: Remove the flag for the selected event.
- **Add comment**—Allows operators to enter comments concerning the selected event. The added comments are displayed in the bottom part of the alarm window. A blue + sign beside an alarm event indicates that a comment was added to the alarm event (visible when icons are enabled: right-click an alarm event > **Properties** > **Show icons**).
- **Print event and comment**—When selected, the system prints the alarm event and the associated comment.
- **Delete event**—When selected, the selected alarm event is marked for deletion (the indicator becomes “black” to indicate that the event has been marked for deletion). To view the events marked for deletion, before you actually purge them, right click anywhere in the window and select **Properties** then select **View deleted logs**.

Displaying Alarm Desktops Automatically

EntraPass enables users to display graphics automatically - from any desktop - as soon as an alarm occurs.This feature enables operators on duty to automatically view new alarms without having to open the alarm desktop and secondary windows associated with it. If **Display on new alarm** is checked the alarm desktop (and its secondary windows) will be displayed as soon as an alarm occurs regardless of the active window.

1 Define a desktop and customize it as an alarm desktop: for this, you have to check the items of the Alarms desktop section.



2 Check the **Display on new alarm** option so that operators can automatically view new alarms without having to open the alarm desktop and secondary windows associated with it.

Note: *If this option is selected when defining a Filtered message desktop for instance and if the desktop icon is selected, the filtered message desktop will be displayed (the background color of its icon turns blue), but the windows below the Display on new alarm section will not be displayed; they are only displayed when a new alarm occurs. If those windows are displayed (on new alarm), clicking the "X" in the top right hand corner of one of them will close all the open windows. If* ***Display on new alarm*** *is not checked, the alarm desktop and all its secondary windows will be displayed on call (that is, when the alarm desktop is selected).*

3 Click **OK and Go** for your configuration to take effect immediately.

Note: *When you define a desktop as an alarm desktop to be displayed on new alarm, it is recommended to reopen the Automatic Alarm Display desktop, to position its windows the way*

*you want them to appear, then to click **OK and GO** again. This way, it will appear exactly as you have defined it.*

Acknowledging Alarms/Events

Usually, operators have to acknowledge receipt of an alarm condition (event—such as intrusion, input in alarm, etc.) by responding in ways such as clicking the acknowledgment button. In EntraPass, operators acknowledge alarm messages from an alarm warning box or from the Alarms desktop window.

When an alarm message is acknowledged by an operator, the notification is acknowledged or removed at all workstations.

Note: *A sound can be added to alarm events. For more details about setting options for an alarm sound, see "Multimedia Devices Configuration" on page 424.*

Acknowledgement options are setup in the EntraPass application definition (**Devices** > **EntraPass application** (selected Workstation) > **Alarm** tab, Acknowledgement parameters). Events that require operator acknowledgment are defined in the **System** > **Event Parameters**.

Note: *If the component that is in alarm is assigned to a video view, the video view or video recording is automatically displayed when an alarm occurs.*

Automatic Acknowledgement

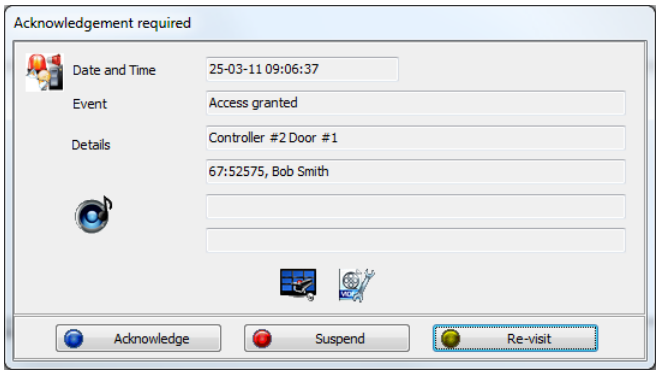
Alarms can be automatically acknowledged without operator intervention. This option is enabled in the Operator definition menu (**System** > **Operators** > **Privileges**, **Auto acknowledge**).

Note: *In order for the **Manual** button to display on the Alarm Desktop window, it is important to close the EntraPass session and reopen it after you have selected the **Auto acknowledge** option.*

Note: *Only operators granted the appropriate access privilege should be using this option. If the **Automatic acknowledge** feature is used, the alarm message box is not displayed; therefore, it will not be possible to suspend alarms. If this option is enabled in the Operator definition menu, the Manual button is added to the Alarms desktop. This button toggles between Manual and Automatic acknowledgement.*

To Acknowledge an Alarm Message

1 When the **Acknowledgement required** message box appears, take one of the following actions:



- Click the **Acknowledge** button to acknowledge the displayed alarm event. The red status button turns green once an alarm is acknowledged.
- Click the **Suspend** button to suspend alarms while doing other operations in the system. The alarm will be suspended for the delay time specified in the **EntraPass application** definition menu. Once the suspended alarm delay time expires, the system prompts the operator to acknowledge the alarm.
- Click the **Re-visit** button if you want to acknowledge an alarm message, and if you want to identify it for future reference. A flagged alarm is identified by a yellow button.
- Click the **Mute** button (speaker icon) if you want to stop the alarm sound.

Note: *The **Acknowledgement required** message box will be presented in a format without the Instructions window if there are no instructions associated with the alarm message.*

Note: *If the component that is in alarm is assigned to a video view, the video view or video recording is automatically displayed when an alarm occurs.*

To Acknowledge Alarms from the Alarms Desktop

Each workstation has its own alarm desktop which displays alarm events received from the server. When a workstation starts up, alarms displayed on the desktop will have a “to be updated” status (a blue icon in the second column). Once communication is established with the server, all events will be updated on the alarm desktop. The blue icon will then be replaced by a red icon (alarm), a yellow icon (flag) or a green icon (acknowledged).

Note: *This process will occur each time a workstation have a communication failure with the server.*

1 Select the alarm event you want to acknowledge (one that has been flagged, for instance), Right-click to enable a shortcut menu.
2 Select **Acknowledge** from the sub-menu. The status indicator becomes green.

Note: *To tag an alarm message for specific purposes, select the alarm event you want to identify; right-click and select* ***Flag*** *from the sub-menu. You can also click an alarm message until the color of its status indicator changes to the desired color.*

Mandatory Alarm Comment

If an instruction with the **Mandatory alarm comment** checkbox selected in **System/Instruction** is assigned to an alarm, the operator will have to add a comment in order to mark the alarm as "acknowledged" (see 'Instructions Definition' in page 346 for more details).

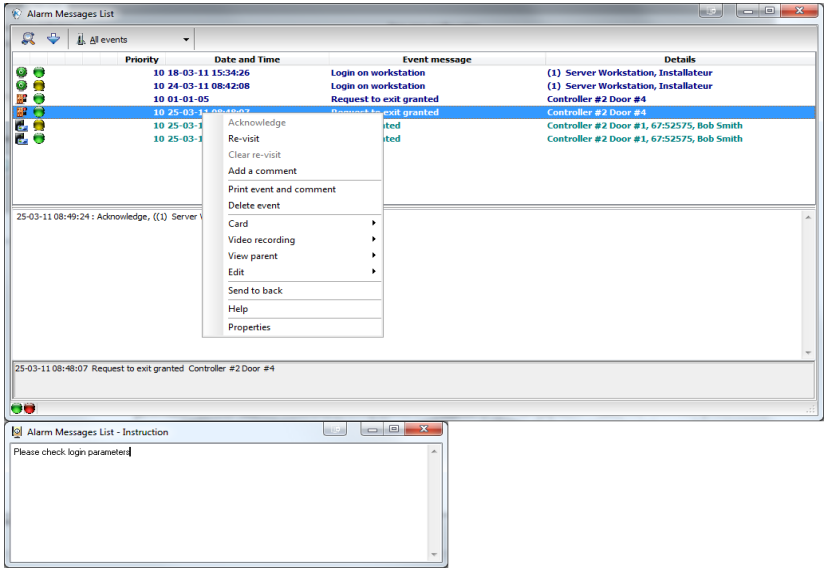
Note: *The alarm sound will stop while a comment is entered by the user.*

Instruction Desktop

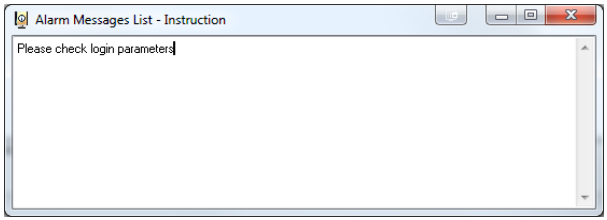
The Instruction window displays the instructions to follow when an alarm is reported. Instructions will only be displayed if this option is enabled during the Event Parameters settings (**System** > **Event parameters**, **Alarm settings)**.

Viewing an Instruction About an Alarm Message

1 You may view instructions about an alarm by selecting the Alarms desktop defined as a message and an instruction window, or defined as an instruction window. When a desktop is defined as being both a message window and an instruction window, the two windows are displayed at the same time:



2 You may also view an instruction about an alarm by selecting an alarm message and right-clicking it.



Note: *This feature is very useful when the Alarms desktop is too small to display the entire description of an event.*

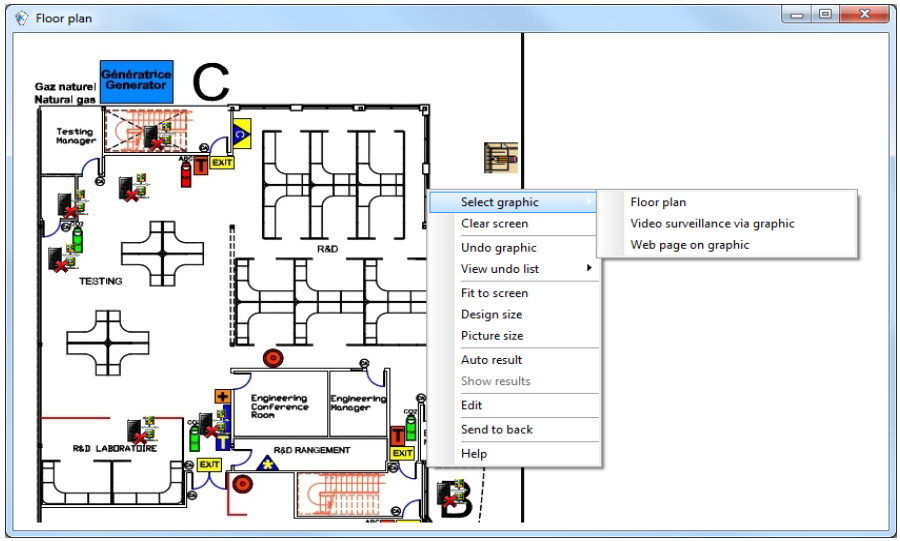
Graphic Desktop

The Graphic desktop displays the graphical location of the alarm being reported (if graphics are defined in the system). A graphic corresponds to the secured area of the system where components (EntraPass application, controllers, inputs, relays, etc.) are located on a site. With graphics, operators can easily view the exact location of a component installed on a site, or the status of components and devices such as area groups, areas, doors, contacts, motion detectors, controllers, assigned to the graphic. In an emergency situation where muster reporting has been defined, icons will indicate when all employees have vacated the area. Operators can perform manual operations directly from the displayed component (for example lock/unlock a door). To define interactive floor plans, *see "Graphics Definition" on page 24*.

Viewing Graphics in the Graphic Desktop

1 Right click the desktop icon you want to assign to graphic, name the desktop (Graphics, for example), then define the window type (**Floating** or **Desktop**).
2 Click **OK and Go** to display the Graphics desktop.

3 Right click anywhere in the Graphic desktop, then, from the shortcut menu, select the graphic you want to display.

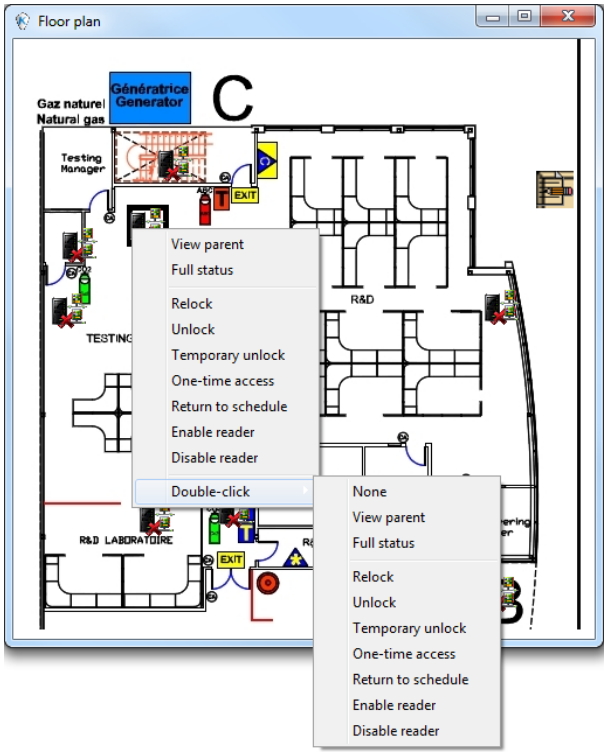


Note: *If the window is smaller than the graphic size, you can click-hold-and-drag the graphic to move it around within the Graphic window.*

4 You may right click anywhere in the graphic to enable a shortcut menu in order to:

- Adjust the display size of the selected graphic (**Fit to screen, Design size or Picture size**.
- Select **Auto result** for the system to display a message indicating the cause of the communication loss in case of communication failure. If **Auto result** is not selected, operators will have to manually request the results for the component by using the **Show result**.

5 Right-click a component in abnormal condition to enable a sub menu.



Note: *Components in alarms are represented by their animated icons. Selecting an animated icon and viewing its parent components allows operators to learn more about the "alarm condition".*

6 Select **Full status** from the shortcut menu to display the error list related to one or all the components in alarm.

7 Select the **Double click** menu item to allow operators to modify the status of a component in alarm from the Graphic desktop. For example, if the displayed component is a door and if the ***Double click*** menu item was set to **Unlock**, an operator can manually open the door from the Graphic desktop.

Note: *When you modify the Double-click feature via the Graphic desktop, the system does not save the modifications. Modify the default Double-click feature via the* ***graphic definition*** *(****Definition*** *>* ***Graphics****, Design window, right click a component >* ***Default dblclick*** *menu item). For more information on how to create graphics and on how to assign components to graphics, see "Graphics Definition" on page 24.*

Monitoring an Area Group for Muster Reporting

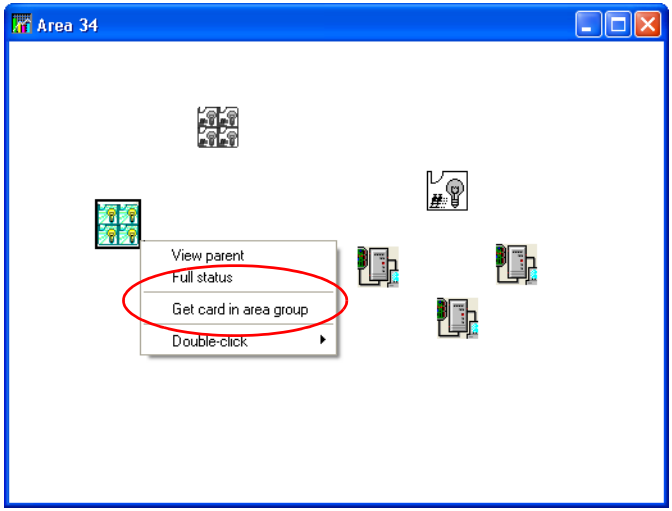
Muster reports are created to monitor specific areas when an emergency occurs. The information that is automatically sent to printers contain the number of people in a specific area group when an alarm is triggered. The information can be refreshed over a pre-defined period of time if it was configured so.

Muster report information can also be displayed on screen in a Graphics desktop where icons are easily recognizable.

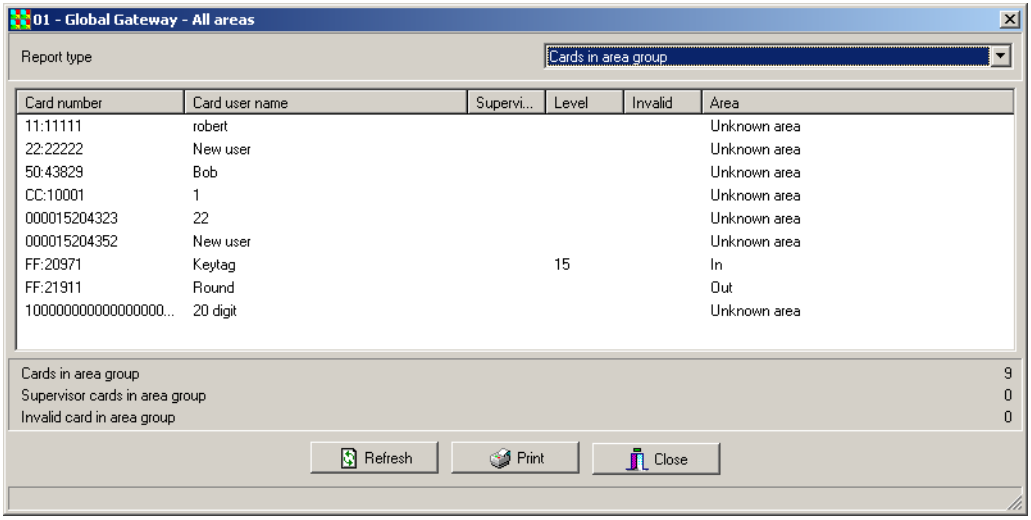
Icon	Description
	Area group is active: cardholders are still inside one or several areas in the area group.
	Area group is empty: All cardholders have vacated the areas within the area group.
	Area is active: cardholders are still in the area.
	Area is empty: all cardholders have vacated the area.

Muster report information can also be listed in an Area Group report window.

1 In a graphic window, right-click the component that represents the area group you want to monitor. A contextual menu will popup on screen.



2 Select **Get cards in area group**. The Cards in area group dialog will open.



- The Area group report dialog contains cardholders' name, card number and area where they are currently located within the monitored area.
- The muster report also indicates if cardholders are a supervisor, supervisor levels and if cards are invalid.
- This information can be refresh automatically by clicking the **Refresh** button.
- The information can be printed by clicking the **Print** button.

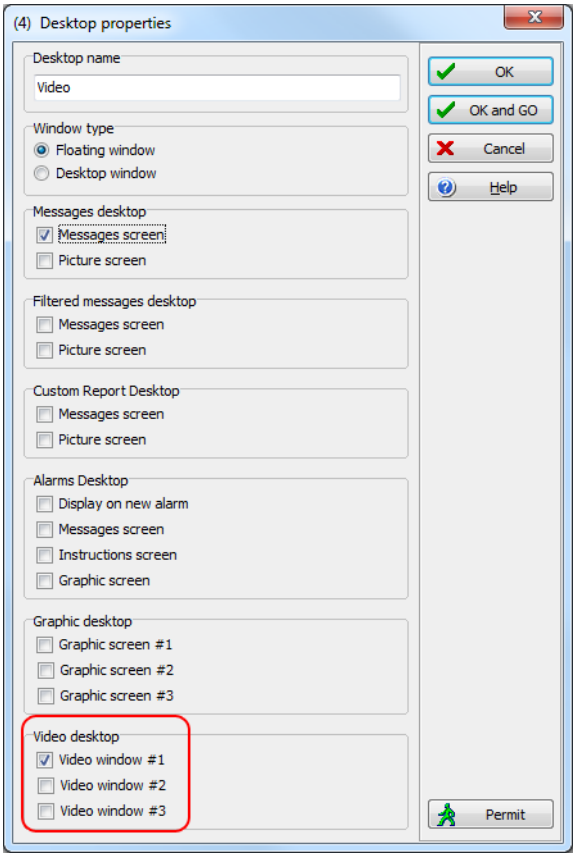
Video Desktop

If the Video feature is enabled in EntraPass, you can configure a desktop as a Video desktop.

Defining a Video desktop

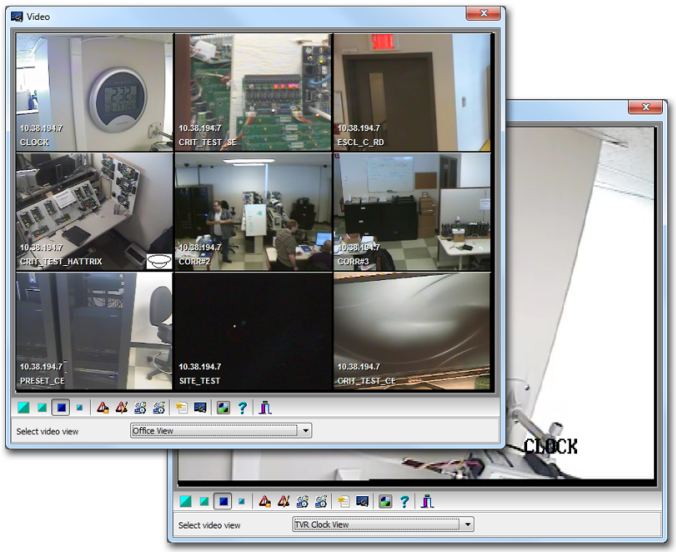
1 From the **Desktop** menu, right-click a desktop to bring up the Desktop properties window.
2 In the **Desktop name** field, assign a name to the new desktop.
3 Select the window type for this desktop.

4 Check the **Video window** options



Using the Video desktop

1 In the Desktop window, select the desktop defined as the Video desktop.The Video display window appears (Intellex or HDVR).



2 Select an icon (in the lower part of the window) to determine for instance the size of the views or to display the Panel window (a small window associated with the video display).

The following table shows the available options:

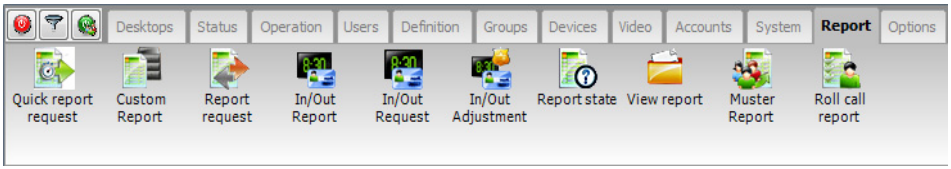
View Icon	Description
	Large. This view sets the window to 1024x768 pixels
	Medium. This view sets the window to 800x600 pixels
	Small. This view sets the window to 640x480 pixels
	Tiny. This view sets the window to 400x300 pixels.
	Creates a new video view

View Icon	Description
	Shows panel window
Video playback	These buttons appear in the lower part of the Video desktop when the operator who is logged on was assigned specific permission for viewing and generating video events. This custom buttons offer a fast way for viewing or generating video events.
	Edits the current video view
	Shows the help related to the Video desktop
	Closes the Video window

Reports

The Report Toolbar

Use the **Report** toolbar to define and generate reports. These reports may be generated automatically or requested manually. Reports can be sent by email or by using SmartLink.



There are five types of reports:

- **Quick report**: these are based on selected group of events (i.e.: door, controller, etc.) and event types (normal, abnormal, etc.)
- **Custom report:** these are historical and card use reports. The historical report type contains archived and filtered events, whereas card use reports contain events related to card use.
- **In/Out report**: these are defined according to selected doors and cards defined as In/Out.
- **Muster Report**: these are defined according to a pre-defined input within a group area.
- **Roll Call Report**—this report is a snapshot of who has swiped a card at a reader or a group of readers, within a certain reset period.

Under the **Report** toolbar, EntraPass users may also:

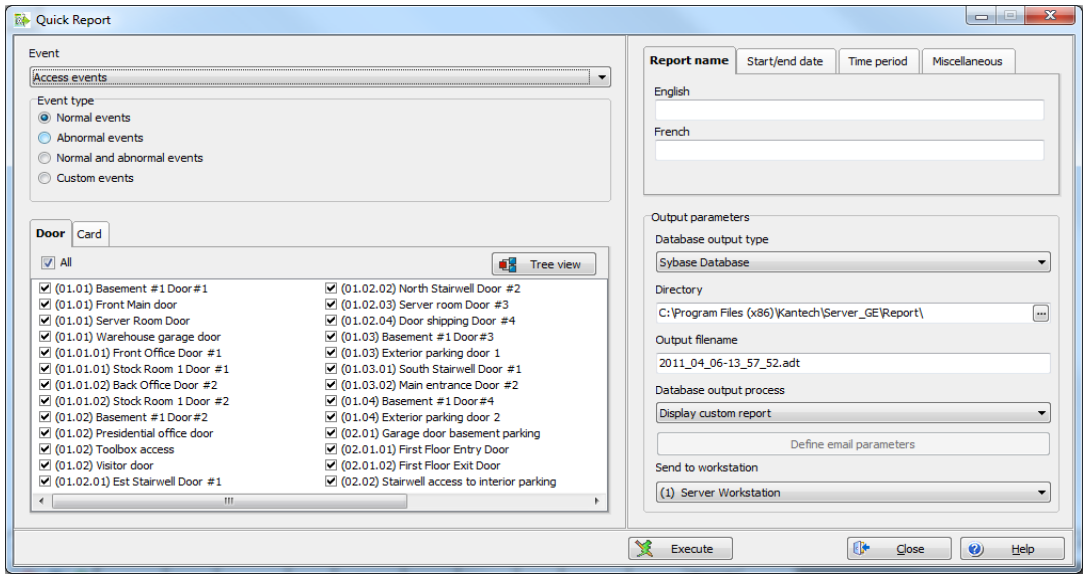
- **View report**— this feature allows an operator to select pre-defined reports to view on screen or to print.
- **Report state**—this features allows an operator to view the status of all reports that have been previously generated.
- **In/Out Adjustment** on In/Out reports to add, insert, and delete In/Out entries.

Quick Report Definition

The Quick report feature offers a rapid method of creating reports for certain types of events. For example, it is possible to create a report regarding all abnormal or normal access events in just a few seconds. Quick report files may be viewed using the EntraPass Quick Viewer, a utility that allows users to display Quick report files and all .QRP files. These include report files that are saved from a report preview. The Quick Viewer is launched from Windows® **Start** menu, without the need to launch the software.

Defining a Quick Report

1 Under the **Report** toolbar, click the **Quick report request** icon.



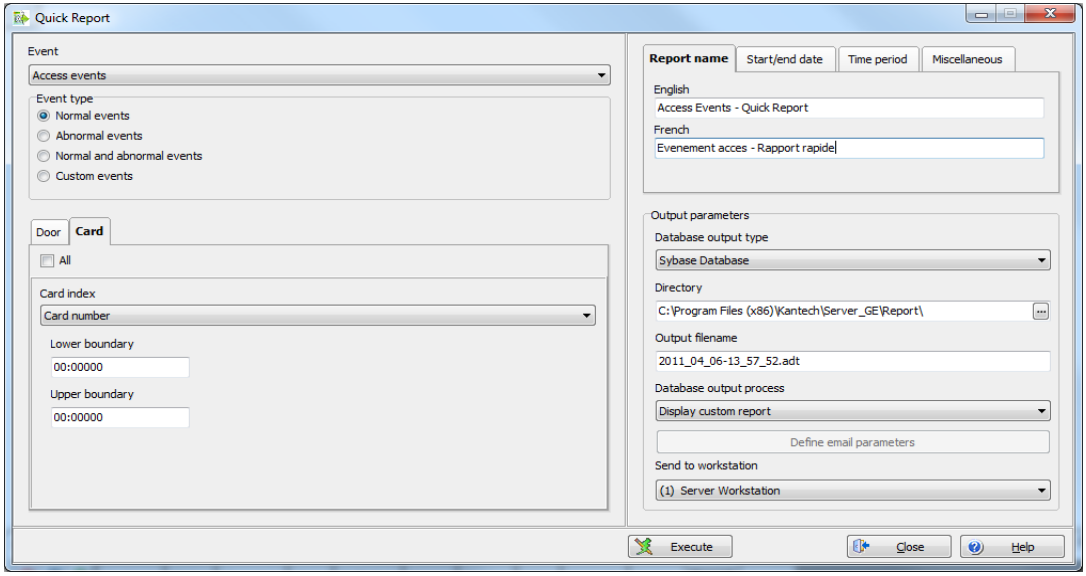
2 From the **Event** drop-down list, select the event type for the current report (access, controller, door, relay, input, operator, manual operation events, etc.). If you have selected “access events”, the **Card** tab appears in the window.

3 Among the **Event type** options, select the event type to be included in the report.

- **Normal**—Quick report can create reports based on normal events. In an access report, normal events would be such events as “access granted” for instance.
- **Abnormal**—Such events as access denied (bad access level, supervisor level required), workstation server abnormal disconnection, gateway communication failure, or all events related to a process that is not complete (a controller reload failure, for example), are considered abnormal.
- **Normal & abnormal**—Select this option to include normal and abnormal events in the report.
- **Custom events**—Select this option to include your own events. The **Custom** tab appears when the **Custom events** option is selected. This option allows the operator to selects the components that have generated the selected events according to the setting in the “event” field.

NOTE: *When you use the **Event** field, you have to specify which component(s) should be used or not used. Once you select an event (i.e. access), the system displays all the doors of the gateway. If you select Controllers, the system displays all the controllers for the gateway. Once you have selected an event (i.e. controller events), select the controllers (i.e. list of controllers) to be included in the report.*

4 Select the **Card** tab to specify filter details about the report. The **Card** tab appears only if a card-related event is selected.



5 In the **Card index** drop-down list, specify the information that will be used as the filter. For example, if you select “card number”, only access events in which the defined card numbers appear will be selected.

NOTE: *If you select Card number, the* ***Lower*** *and* ***Upper boundary*** *editable fields display the default numerical values to be replaced by card numbers. If you select* ***Card user name****, these fields are enabled to receive text data. For example, you can enter* ***A*** *in the* ***Lower boundary*** *field and* ***F*** *in the* ***Upper boundary*** *fields for the system to include events in which the selected door is defined and events in which the defined card numbers appear but only for card users whose names begin with A to F. If you select* ***All****, the editable fields are disabled.*

6 In the **Report name** tab, enter a name for the report (this name will be displayed on your report).

7 **In the Start/end date** tab, enter the date and time on which the system will start to collect the events. For example, if you enter 7:00 and an event occurred at 6:00, this event will not be included. To target events that occurred during a specific time frame, use the **Time period** tab.

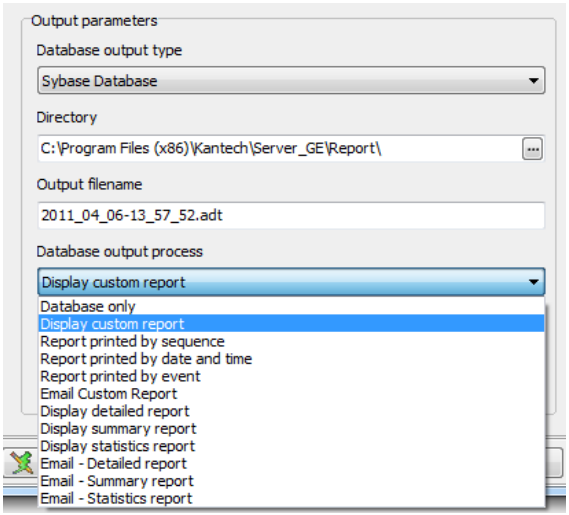
8 In the **Time period** tab, check the Specific time frame option to include events that match the specified time frame. Enter the target time for the report.

9 If you want to overwrite the previous file, select the **Miscellaneous** tab then check **Overwrite existing output file**. If you do this, the existing default output file will be replaced by this new one.

10 Select the **Queue priority** level. A report with a priority of 1 will be processed before a report with a priority of 99.

11 Define the output parameters:

- **Database output type**: Select the database output format (Sybase, DBase IV, CSV, PDF, Excel, RTF or text).
- **Directory**—Indicates where the report is saved and stored. The default folder is: C:\ProgramFiles\Kantech\Server_GE\Report\your file.xx.
- **Output filename**—Indicates the output file name. By default, reports are saved on disk in C:\ProgramFiles\Kantech\Server__GE\Report\your file.xx. The report filename is composed of the date and time on which the report was created. You can modify the filename if necessary, but do not modify the extension.



- **Database output process**—Select the appropriate output processes. A report template is associated with each output.
  - **Database only**: The report will be saved in the system database.
  - **Display (custom, detailed, summary or statistics) report:** The report will appear on-screen.
  - **Report printed by (sequence, date & time or event)**: The report will be printed according to the specified sort order.
  - **Email (custom, detailed, summary or statistics) report**: The report will be sent by email to a specified valid email address.
- **Send to workstation**—Select the workstation to which the quick report should be sent.The list contains all workstations where SmartLink applications have been installed. When SmartLink is installed on two or more workstations connected to the network, you can generate reports on one workstation and send the results to another workstation by selecting the SmartLink that corresponds to the workstation where you want to display the report.

12 Click on the **Execute** button to launch the report.

13 Click on the **Preview** button to view the report.

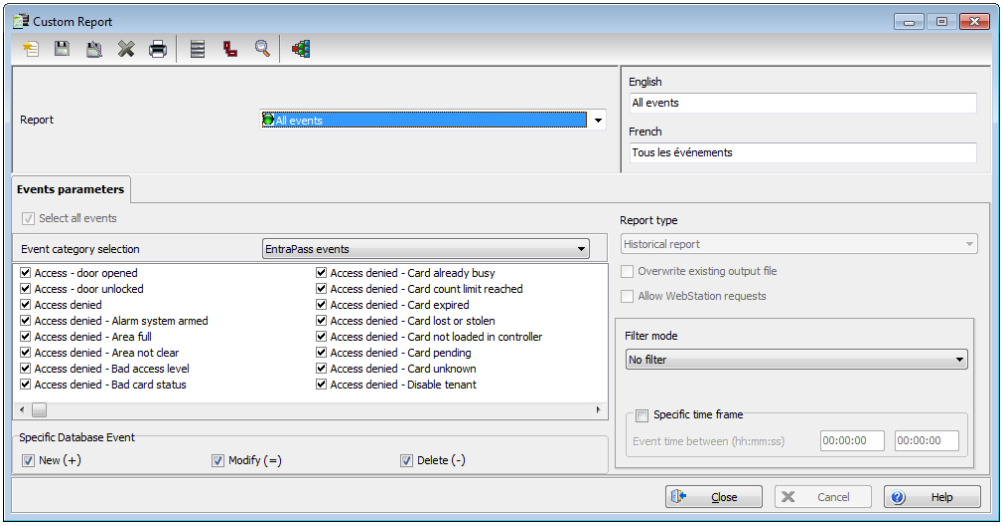
Custom Reports Definition

The Custom report definition feature allows users to define customized reports and card use reports with their own automatic execution parameters. Reports that are defined with automatic settings are automatically generated at the specified time. However, they may be requested manually when needed. The “Report Request” menu enables operators to trigger reports by overriding automatic settings. When requested manually, automatic settings are ignored.

Defining a Default “All Events” Report

You may generate a default report that will include all events. The default report is an Historical report type. EntraPass enables you to send an automatic report by email.

1 Under the **Report** toolbar, click the **Custom report** icon. The Custom report window appears.



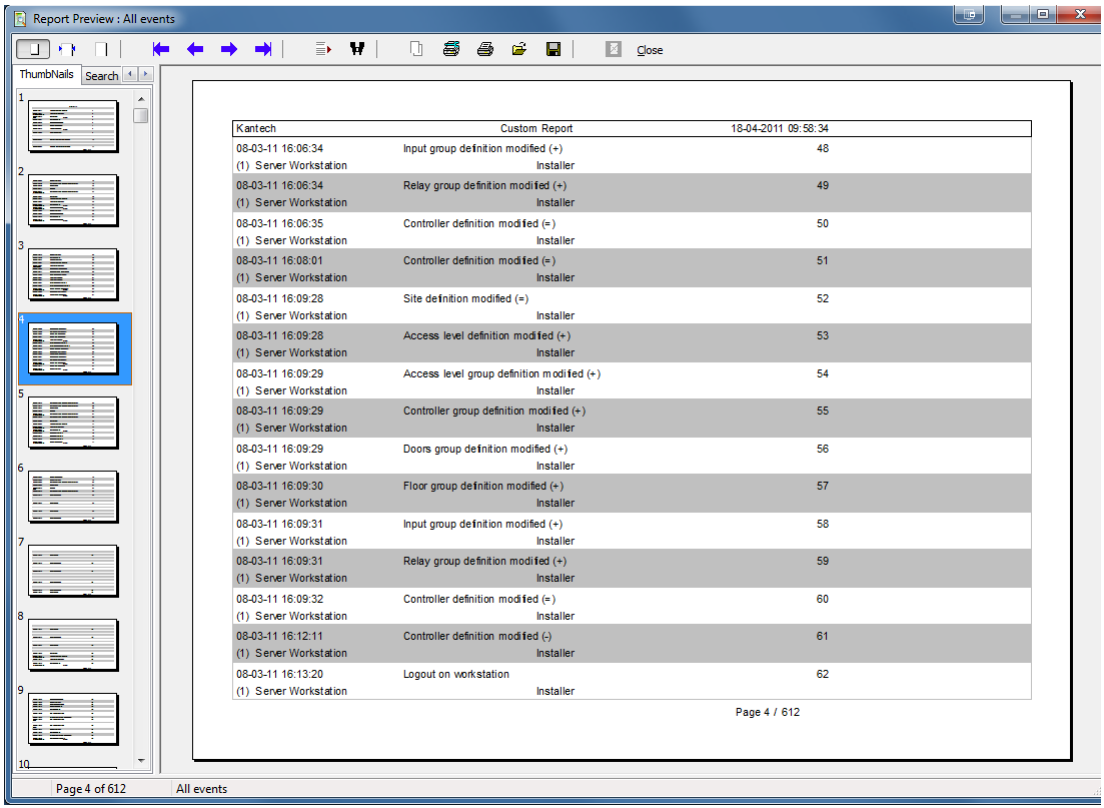
2 Only the language section can be modified for the **all events** report.

3 You can indicate which component status to display (New, Modified or Deleted). In reports, events will be precessed by the following signs:

- **+** (New)
- **=** (Modified)

- **-** (Deleted)

NOTE: *The checkboxes under* ***Specific database event*** *will be displayed only when a database event is selected.*


Report Preview : All events
Close
ThumbNails
Search
Kantech
Custom Report
18-04-2011 09:58:34
08-03-11 16:06:34 Input group definition modified (+) 48
(1) Server Workstation Installer
08-03-11 16:06:34 Relay group definition modified (+) 49
(1) Server Workstation Installer
08-03-11 16:06:35 Controller definition modified (=) 50
(1) Server Workstation Installer
08-03-11 16:08:01 Controller definition modified (=) 51
(1) Server Workstation Installer
08-03-11 16:09:28 Site definition modified (=) 52
(1) Server Workstation Installer
08-03-11 16:09:28 Access level definition modified (+) 53
(1) Server Workstation Installer
08-03-11 16:09:29 Access level group definition modified (+) 54
(1) Server Workstation Installer
08-03-11 16:09:29 Controller group definition modified (+) 55
(1) Server Workstation Installer
08-03-11 16:09:29 Doors group definition modified (+) 56
(1) Server Workstation Installer
08-03-11 16:09:30 Floor group definition modified (+) 57
(1) Server Workstation Installer
08-03-11 16:09:31 Input group definition modified (+) 58
(1) Server Workstation Installer
08-03-11 16:09:31 Relay group definition modified (+) 59
(1) Server Workstation Installer
08-03-11 16:09:32 Controller definition modified (=) 60
(1) Server Workstation Installer
08-03-11 16:12:11 Controller definition modified (-) 61
(1) Server Workstation Installer
08-03-11 16:13:20 Logout on workstation 62
(1) Server Workstation Installer
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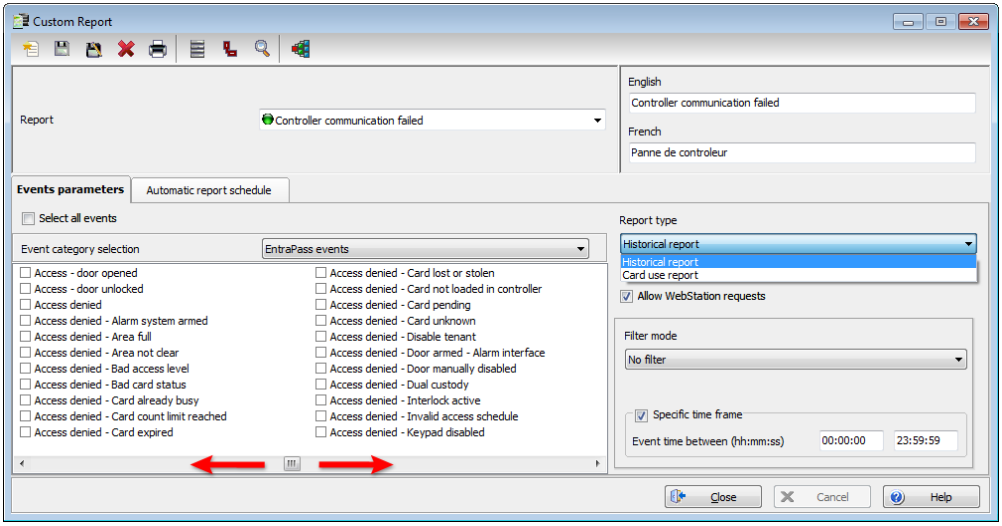
All events

Defining a Custom Report

1 Under the **Report** toolbar, click the **Custom report** icon. The Custom report window appears.



2 To create a new report, click the **New** icon (in the toolbar) and enter the necessary information in the language section. To modify an existing report, select it from the **Report** drop-down list.

3 You may check the **Select all events** option. All the 548 possible events will be checked and included in the report. You may choose to check specific events that you want to include in the report. Move left or right to view the other events.

4 Check the **Overwrite existing output file** option if you want the system to replace the existing output file each time the report is automatically generated according to the settings defined in the **Automatic report schedule** tab.

5 Check the **Allow WebStation Request** for historical report request through the EntraPass WebStation. The WebStation component must have been registered with the EntraPass Server in order to display the checkbox.

NOTE: *When you select the* ***Historical report*** *type* ***with*** *a filter mode (****Filter mode*** *drop-down list), the system will display additional tabs:* ***Components*** *and* ***Cards*** *when events are selected.*

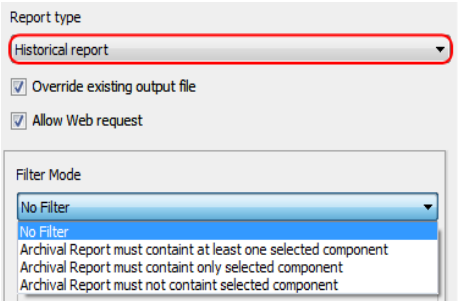
6 *Historical Reports Only.* If you selected **Historical report**, check the **Specific time frame** option. If selected, the time frame specified will be used by the system. Only events (event time) that are within this specific time frame will be included in your report. For example, if you define 8:00 to 8:30, only events which occurred during this time frame will be included in the report.

7 Select the **Automatic report schedule** tab to specify details about the report. For details about defining an automatic report, *see "Defining Automatic Report Schedules" on page 132.*

Defining Components for a Historical Report

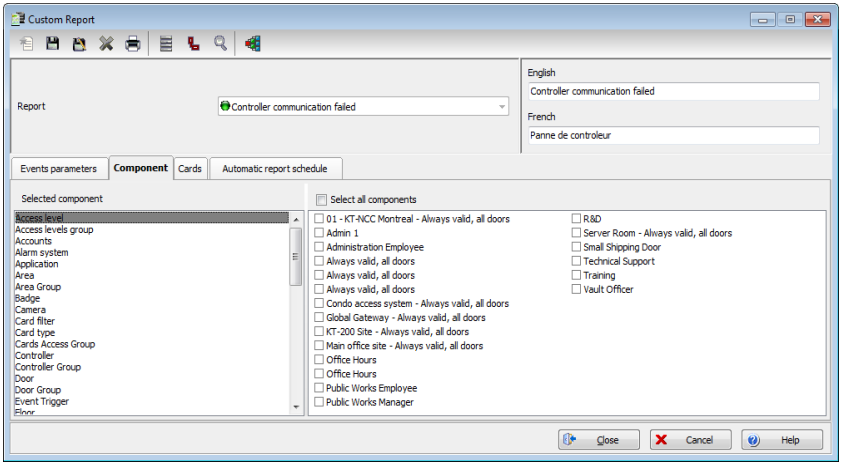
If the selected report is a **Historical report** type and if you have selected a **Filter mode**, the **Components** and **Cards** tabs will appear **only when the corresponding events are checked**. You have to specify the components and cards that may affect the report.

1 *Historical Reports Only.* Select one of the 3 **Filter modes**. These filters are used to target specific events that were generated from selected components. You can select various filtering methods. When you use this field, you have to specify which component(s) and card(s) to use.


Report type
Historical report
Override existing output file
Allow Web request
Filter Mode
No Filter
No Filter
Archival Report must containt at least one selected component
Archival Report must containt only selected component
Archival Report must not containt selected component

2 Select the event(s) or check Select all events.

3 Move to the Components tab. The Components window lists all the component types that have a direct link with the selected events.

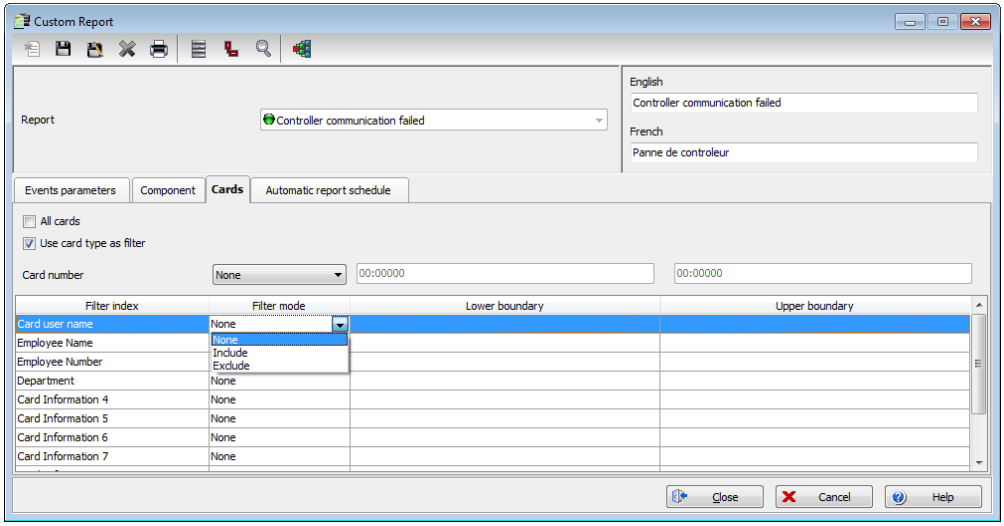


4 Select an event type to display its items in the right-hand pane. If you select **Card type**, the right-hand pane displays all the card types defined in the system. If you select Doors, all the access system doors are displayed in the right-hand pane.

NOTE: *If an item in the left-hand pane (Selected components) is selected, its color changes (turns red). When it is deselected, it resumes to the default color.*

Defining Card Options for a Custom Report

1 In the Custom report window, move to the **Cards** tab. It is displayed only when access events are selected. It is used to add more filters to your report in order to target specific events.



2 Select the **All Cards** option to include all cards.When you do this, the other fields are disabled. When you select the **Use card type as filter** option, you can add filters for your report. You can view the fields that are included/excluded as filters and specify a lower and upper boundaries for each selection.

3 Specify the information that will be used as a filter (**Filter index** drop-down list). For example, if you select “Card number”, as the filter index, only access events in which the defined card numbers appear will be selected.

4 From the **Filter mode** drop-down list (None, Include, Exclude), specify if the system should exclude or include the value range that you specify in the Upper/Lower boundary fields. When a filter mode is selected (**Exclude** or **Include**), the “Boundary” fields are enabled.

5 Enter the value range in the **Lower/Upper boundary** fields according to the selection in the **Filter mode** field. These may be, for example, alphabet letters (if the filter index is by names; or numeric, if the filter index is by card number). You could, for instance, use the card user name and specify A to F in the **Lower/Upper boundary** as the lower and upper boundaries. As a result the system will include events in which the selected door is defined and events in which the defined card numbers appear but only for card holders whose names begin with A to F.

NOTE: *Users may select more than one filter for the same report using the filter index. Events will be filtered n times depending on how many filter indexes are defined for the report.*

Defining a Card Use Report

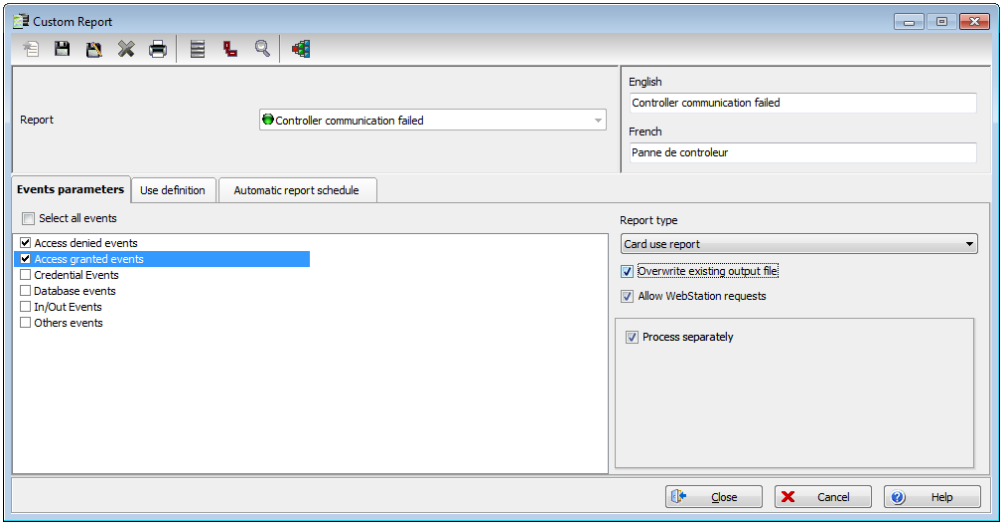
The card use report feature is used to create reports that will list cardholders who did/did not generate events since a specific number of days or a specific date. For example, operators could request a report including “access granted” events that were generated since a specific date.

NOTE: *When you select a card use report option, the Use definition tab appears in the Historical report window. It allows you to define the card use parameters, such as: used since a specific date, not used since 30 days before today, etc.*

The system displays five event types:

- Access denied (bad location, bad access level, bad card status, etc.)
- Access granted
- Database (events that have affected the database, such as card definition modified)
- Other events
- In/Out events (entry, exit)

1 In the Custom report window, select a report from the **Report** drop-down list. If you are creating a new report, click the New icon in the toolbar, then enter the necessary information in the language section.



2 From the **Report type** drop-down list, select **Card use report**. When you select the **Card use report** type, only events related to card usage are displayed in the left-hand pane.

3 You may check the **Select all events** option (when it is checked the display pane is disabled), or you may select only the events you want to include in the report.

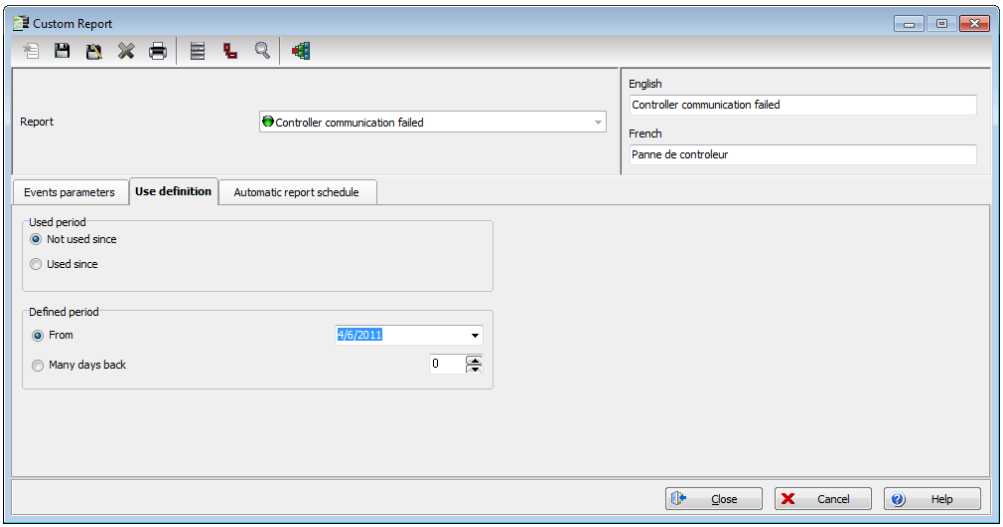
4 Check the **Overwrite existing output file** option if you want the system to replace the existing output file each time the report is automatically generated according to the settings defined in the **Automatic report schedule** tab.

5 Check the **Allow WebStation Request** for historical report request through the EntraPass WebStation. The WebStation component must have been registered with the EntraPass Server in order to display the checkbox.

6 You may also check the **Process separately** option if you want the events to be processed individually for each card. For example, if you want a report for “Access denied events” and “Access granted events”, if you do not check the **Process separately** option, the report will contain all these events. When the **Process separately** option is checked the report will display Access granted events and Access denied events separately.

NOTE: *The **Process separately** option appears only when the report type is a **Card use report**.*

7 Move to the **Use definition** tab to specify the card use options (**Not used since** or **Used since**) and defined periods.



NOTE: *The **Use definition** tab appears only when the selected report type is a **Card use report**.*

8 To define the target period, check the **From** checkbox and enter a date in the **From** field. You may select a date in the calendar when you click the **Calendar** button. Alternatively, you may use the up/down controls or enter the **Number of days back**, starting from today’s date.

9 When you have finished defining the report, save it. You may request it using the **Report request** button in the Report toolbar.

10 Select the **Automatic report schedule** tab to specify details about the report. For details about defining an automatic report, *see "Defining Automatic Report Schedules" on page 132*.

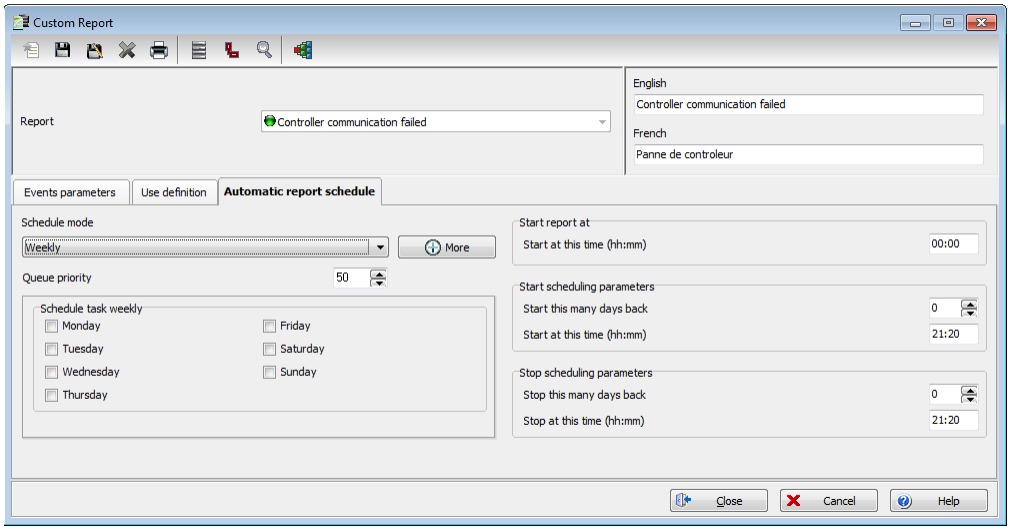
Defining Automatic Report Schedules

For both Historical and Card use reports

Use the **Automatic report schedule** tab to define automatic settings for your reports so they can be automatically generated when needed. These settings indicate:

- The frequency: when the report should be generated (none, weekly, monthly, once)
- The time period covered
- The output process (display, print, etc.)
- The output type (dBase, Sybase, CSV, PDF)
- The destination (workstation)
- The language and the filename

1 In the Custom report window, move to the **Automatic report schedule** tab.



2 From the **Schedule mode** drop-down list, select the frequency at which the report should be executed:

- Select **None** if you want the report to be manually requested (see *Report Request*).
- Select **Weekly** if you want a report every week. You have to check the day on which the report should be executed automatically.
- Select **Monthly** if the report is needed once a month. You have to specify the day (ex. the second Friday of the month or the 15th day of the month) when the report will be executed automatically.
- Select **Once** if you want the report to be executed automatically on a specified date.

3 Select the **Queue priority** level. A report with a priority of 1 will be processed before a report with a priority of 99.

4 In the **Start at this time** field, enter the time at which the system will start executing the report.

5 Specify the **Scheduling parameters.**

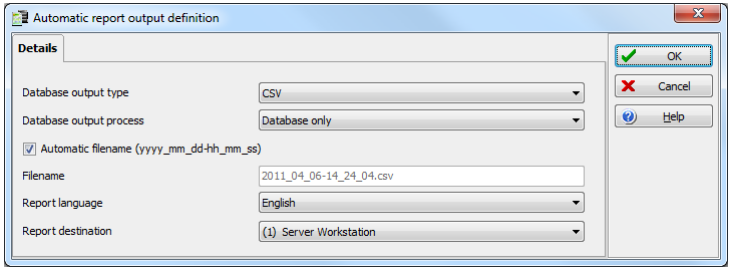
NOTE: *These settings are* ***ignored*** *when the report is requested manually by an operator.*

- **Start this many days back**—The report will start collecting events according to the number of days specified in this field. It is based on the present date.
- **Start at this time**—Once you specify the amount of days, specify the starting time (i.e.: 7:00am). For example, if you enter 7:00, events that occurred at 6:00 will not be included in the report.
- **Stop this many days back**—The report will include the specified number of days entered in this field. It is based on the present date.
- **Stop at this time**—Once you specify the number of days, specify the ending time (i.e.:5:00 pm), that is, the day on which the system will stop collecting data; you may also specify the time at which it will stop. For example, if you enter 7:00 and an event occurred at 8:00, then this event will not be included. To target events that occurred during a specific time frame, you have to use the **Specific time frame** option.

NOTE: *The start and end time are only used for the first day and last day, for example if you start collecting events on Monday at 8:00 and end on Friday at 17:00 all events between 8:00 Monday and 17:00 Friday will be included. The system* ***does not use*** *the start and end time for each day but for the whole period.*

Specifying Additional Options for an Automatic Report

1 Select the **More** button to add more settings to the automatic scheduled report. When you click the **More** button, the Automatic report output definition window appears.



2 From the **Output type** drop-down list, select the output format of the report. You may choose Sybase, Dbase IV, CSV, PDF, Excel, RTF or text formats.

NOTE: *From the* ***Database output process****, you can select* ***Email custom report*** *if you want this report to be automatically sent to specified recipients. If you choose this option, select the* ***Email*** *tab to enter the recipients' email address in the* ***Send Email to*** *field. EntraPass enables you to protect the report by a password before emailing it.*

3 You may check the **Automatic filename (...)** option. The default file name is YYY_MM_DD-HH_MM_SS.X, indicating the year_ month_ day-hours, minutes_second.file extension.

NOTE: *For details on the output type and the output process, refer to the table below. It gives a comparison of the different report formats.*

The following table shows the difference between these database formats and their output file formats:

Database	Description
SyBase	The new EntraPass database.
Dbase IV	A popular database management system format for storing data that is supported by nearly all database management and spreadsheet systems. Even systems that do not use the DBase format internally are able to import and export data in Dbase format. Output formats are .db and .rdf.
CSV	Will save the report in a comma separated values format (yourfile.csv). A data format in which each piece of data is separated by a comma. This is a popular format for transferring data from one application to another; because most database systems are able to import and export comma-delimited data.
Excel	Microsoft Excel file type.
PDF	**Portable Document Format** (**PDF**) is an open standard for document exchange. It can be opened with the free application Adobe Reader.
RTF	The **Rich Text Format** (**RTF**) is a proprietary document file format with published specification for cross-platform document interchange. Most word processors are able to read and write some versions of RTF.
text	A **text file** is a kind of file that is structured as a sequence of lines. Can be opened by a large number of editing tools.

4 From the **Output process** drop-down list, select the report template. It will be used with the requested report. For details on the output format, *see "Defining a Report Output Format" on page 134*.

Defining a Report Output Format

Historical and Card use reports

1 If you select **Database only** (*CSV, Sybase and Dbase*): The report will include the following information: event sequence, date and time, event message, description types (displays a specific number that identifies a component in the system), description names (displays the name of the component as defined in the system—name of description type number) as well as the card number (for card-related events).

NOTE: *A database only report is saved in the reports folder in the specified format. It will not be printed nor displayed.*

2 If you select **Display custom report - Display card last transaction report** (*Sybase Only*): The report will automatically be displayed on your desktop when completed. You can customize the report before you print it manually. For more information on how to customize the report, *see "Previewing Reports" on page 149*. The report will include the following information: event sequence, date and time, event message, card number (for card-related events) and descriptions 1 to 4 which contain details on the event.

3 **Report printed by sequence** (*Sybase Only*)**:** This report is sorted by event sequence number (order in which they were generated by the system) and printed automatically at the printer of the destination workstation.

4 **Report printed by date and time** *(Sybase Only):* This report is sorted by date and time and printed automatically at the printer of the destination workstation.

NOTE: *The printed reports (option three and four) will be saved in the reports folder in the specified format. They will also be printed but not displayed.*

5 **Report printed by event** (*Sybase Only*): This report is sorted by event message (alphabetically) and printed automatically at the printer of the destination workstation. The report is saved in the reports folder in the specified format, but not displayed.

In/Out Reports

In/Out reports will be saved in the reports folder, they are not printed nor displayed. User have to manually retrieve the report to view it, they can also use the “View Report” menu.

1 **Single file with all data** (*CSV only*): The report is generated in one file containing the data and the descriptions (date & time, transaction ID, card number, card user name and door description).

2 **Database with transactions** (*CSV & DBase IV*): The report is generated with all the data and transactions in one single file. It includes the date & time, the transaction ID, the card number and the card user name.

3 **Display In/Out report** (*Sybase only):* The report will automatically be displayed on the desktop when completed. You can customize the report before you print it manually. It contains: the card number, card user name, entry time, exit time, contents of the card information field as selected in report definition and total hours per cardholder. For more information on how to customize the report, *see "Previewing In/Out Reports" on page 150.*

4 **Two (2) databases with all data** (*Sybase & DbaseIV*): the report will be generated in two separate files:

- **One file containing**: date, time, event message (transaction type), pkcard, pkdoor, pkdoorgroup.
- **One file containing**: pk description (explaining pkcard, pkdoor and pkdoorgroup), card number, object and contents of card information field selected in the report definition menu.

NOTE: *PK refers to a component unique number within the system*

5 **Single database with all data** (*Sybase & DbaseIV*): The report will be generated in one file containing the data and the descriptions (date and time, transaction ID, card number, card user name, door description and sequence).

6 **CSV compilation In/Out** (*CSV Only*): The report will be generated in two files. One file containing a total, of hours for instance, by department, and the other file containing detailed information. Depending on the number of days covered by the report, a “day” column will be reserved for each day.

- **Automatic filename**—Select this feature if you want the system to automatically use the date and time as the filename. You cannot use the “overwrite existing output file” when you use this option.

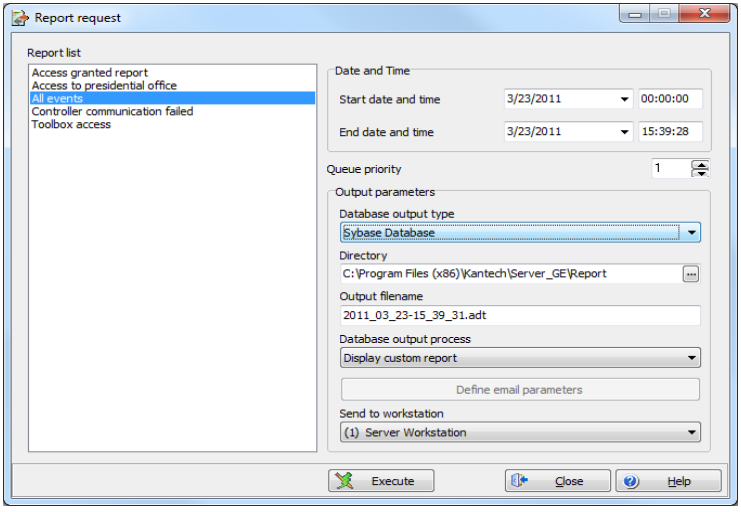
- **Filename**—If you wish to overwrite the same report (for example—every week), you can enter a filename here and when the report will be executed according to specifications, the new report will replace the oldest report.
- **Destination**: this is where the report should be sent/printed automatically.You can also use the **Overwrite existing output** option to specify a different destination file.
- **Report language**—This field is used to include additional information in your report. Select from the displayed list.

Requesting Reports

With this feature operators can request pre-defined **Historical reports** or **Card use reports** that were created using the Custom Report menu. Operators can also email the report to one or multiple recipients.

NOTE: *If your report contain automatic settings, these will be ignored. You must indicate new settings.*

1 Under the **Report** toolbar, click the **Report Request** icon. The Report request window appears.



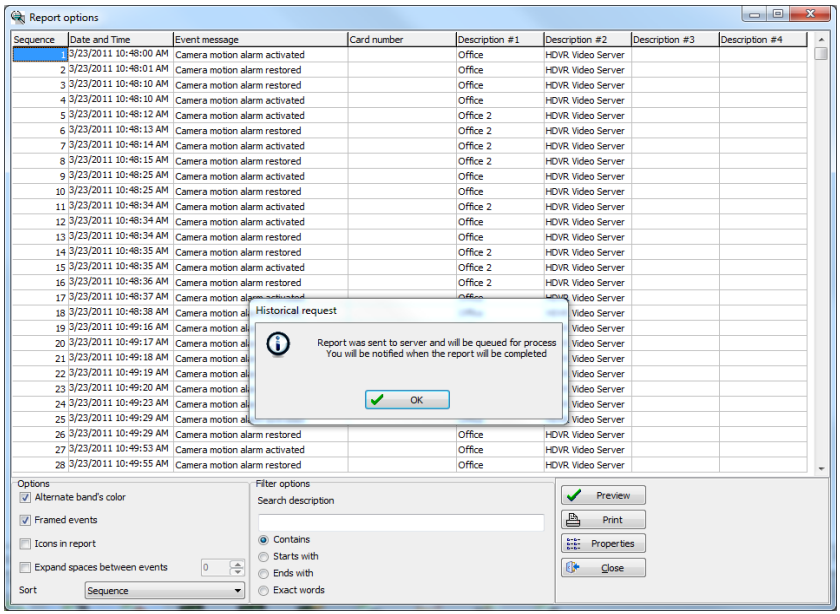
2 In the **Report list** display pane, select the report that you want to execute.

3 Select the **Queue priority** level. A report with a priority of 1 will be processed before a report with a priority of 99.

4 You may define **output parameters**, including the **database output type** format (Sybase, DBase IV, CSV, PDF, Excel, RTF or Text), the target folder, the output filename, etc. For more information on how to select an output format, *see "Defining a Report Output Format" on page 134*.

NOTE: *If a Card use report is selected, the "Date and time" section is disabled.*

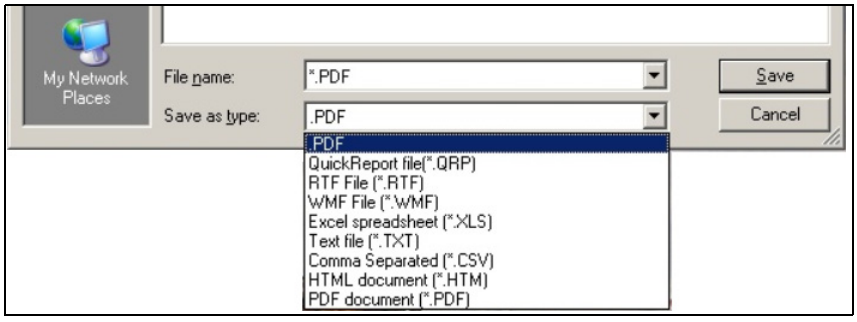
5 Click **Execute**. A system message informs you that the report is being processed. The Report options window appears and is then minimized to the task bar.



6 Select the **Preview button** to define the report and filter options. This will increase the readability of the report by adding, for instance, alternating band colors, framing events, icons in the reports, etc., or by sorting events in the report (by event ID number, alphabetical order or date and time).

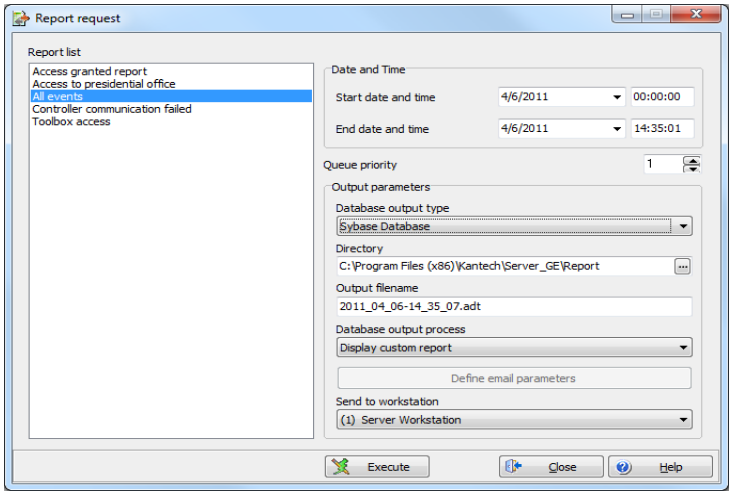
7 Enter the **description** in the **Search description** field. The report is updated in real-time when you enter a filter option.

8 You may use **Preview** to preview the report or the **Properties** button to view details about the report. When you click the **Preview** button, the system will display the result of the report. From that window, you can save the report in various formats or print the report.



Requesting an Event Report

1 Under the **Report** toolbar, click the **Report request** icon. The **Report request** window appears.



2 Specify the **Start** and **End** time. By default, the end date and time are set to the system time.

3 Select the **Queue priority** level. A report with a priority of 1 will be processed before a report with a priority of 99.

4 You may specify the output parameters or leave these to default.

NOTE: *It is important to know the differences among the output type and processes. For details, see "Defining a Report Output Format" on page 134.*

5 You may select the **Report state** icon from the toolbar to view the report status.

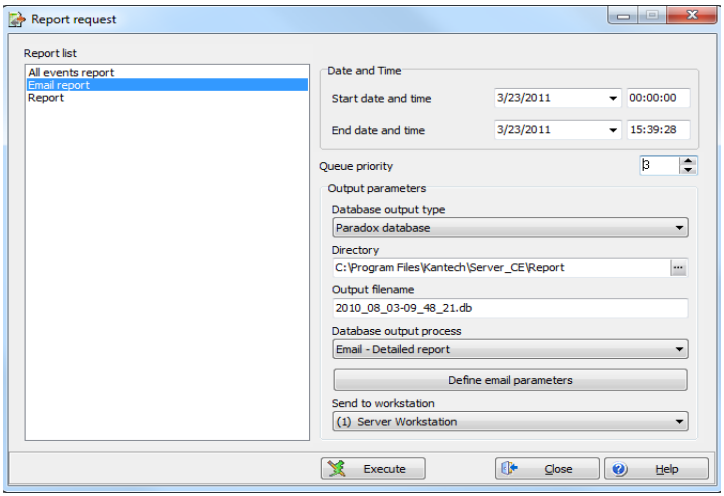
6 Select the **View report** icon from the toolbar to view the report. The default report name is YYYY_MM_DD_-HH_MM_SS.db.

Emailed Reports

EntraPass allows you to email any report to one or more recipients. The email feature is enabled when defining an EntraPass workstation and when specifying the report database output format. Custom, In/Out and quick reports can be sent by email to any valid email address.

Defining a Report to Email

1 Under the **Report** toolbar, select **Quick report request**, **Report request** or **In/Out request**.

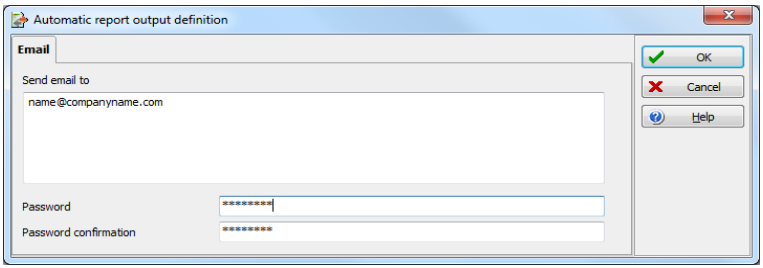


2 In the **Report List**, select the report you want to email.

3 Define the report's parameters.

4 In the **Database Output Process** drop down menu, select the **email (detailed, summary or statistics) report** you want to send.

5 Click the **Define Email parameters** button to open the Automatic report output definition window.



6 In the **Send Email to** enter the recipient's email address. For multiple recipients, addresses are separated by a semi-colon.

7 Click **OK** to close this window.

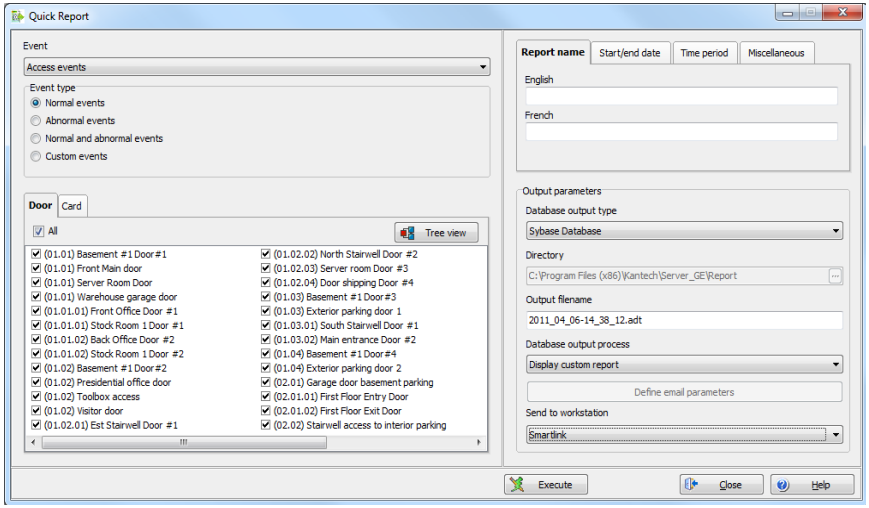
NOTE: *Sending reports does not compromise the security of your data. In fact, EntraPass allows you to protect rpf files with a password. Only recipients with the correct password will be able to access the file. You cannot set a password to CSV files.*

8 Click the **Execute** button to send the report to the specified recipient. The report will be sent to the workstation selected in the Send to workstation drop-down list and to the specified recipients.

Send Reports to Workstations Using SmartLink

You can send reports to a workstation where SmartLink is installed (even though EntraPass is not installed on that machine). When SmartLink is installed on two or more workstations connected to the network, you can generate reports on one workstation and send the results to another workstation, using SmartLink.

1 Under the **Report** toolbar, click the icon that corresponds to the type of report you want to send. This option is available in the Quick Report Request dialog, the Report Request dialog and the In/Out Request dialog.



2 In order to send a report to another SmartLink workstation, you must first select an existing report or define a new one.

3 In the **Send to workstation** drop down menu, select the SmartLink that corresponds to the workstation where you want to send the report.

- When the report is ready, it will popup on the recipient screen.
- If SmartLink is running as a service, the report will not be displayed on screen. But it will be saved to the Reports directory.

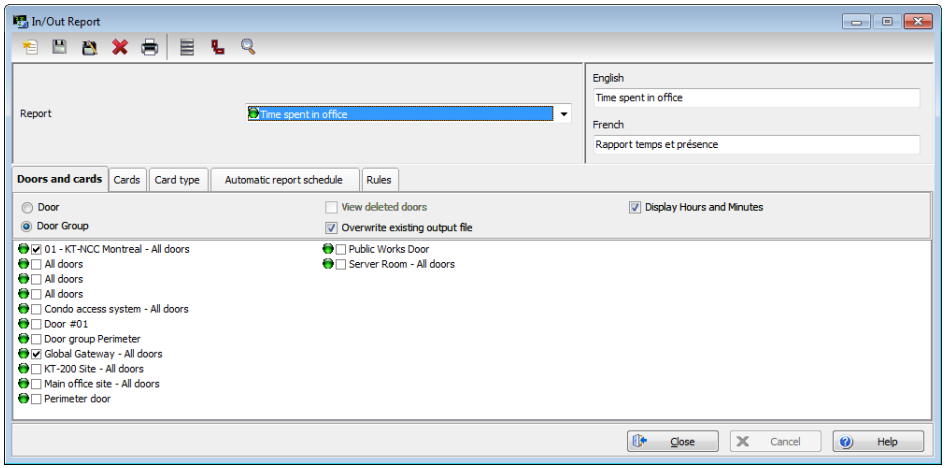
In/Out Reports Definition

This feature is used to define customized In/Out reports with automatic execution parameters.

NOTE: *Reports can be defined with* ***automatic settings*** *so they are generated when you need them or can be requested* ***manually*** *using the "In/Out report request" icon. When requested manually, automatic settings are* ***ignored****.*

Defining In/Out Reports

1 Under the **Report** toolbar, click the **In/Out Report** icon.

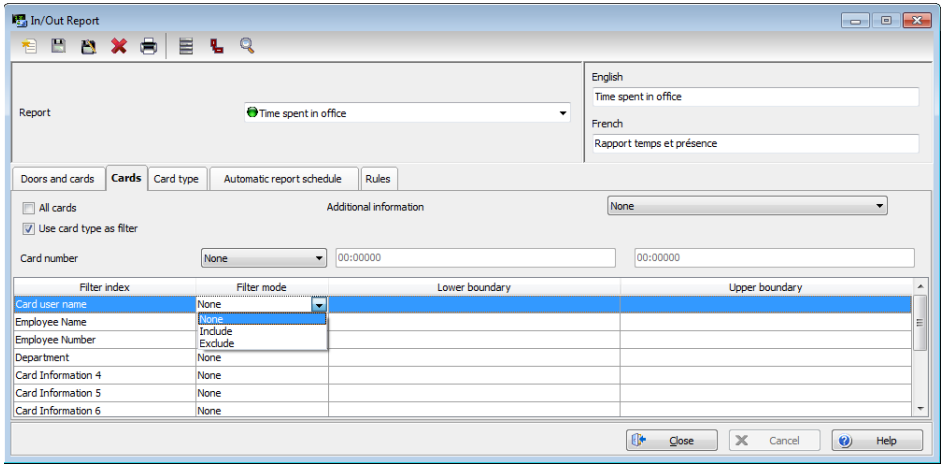


2 If you select the **Doors** option, only the doors defined as “In/Out” doors (in the Door definition menu) are displayed. Check the **View deleted doors** to add deleted doors to the list. When you select the **Door group** option, the **View deleted doors** option is disabled. The system displays the door groups of your system; then you may select one.

3 Check the **Overwrite existing output file** option if you want the system to replace the existing file. If you leave this option unchecked, the system will create another output file.

4 Select **Display Hours and Minutes** to add them to the report.

5 Select the **Card** tab to add other filters for the report.



NOTE: *The* **Card type** *tab appears when the* ***Use card type as filter*** *box is checked.*

6 Select a filter index, then select a filter mode (**None**, **Include**, **Exclude**). If you have selected a filter index, select the filter mode and enter the value range in the **Upper/Lower boundary** fields. To include all the fields, leave the filter mode to **None**. For example, if you select Card number as the Filter index, leave the filter mode to **None** so that all events triggered by cards will appear in the report.

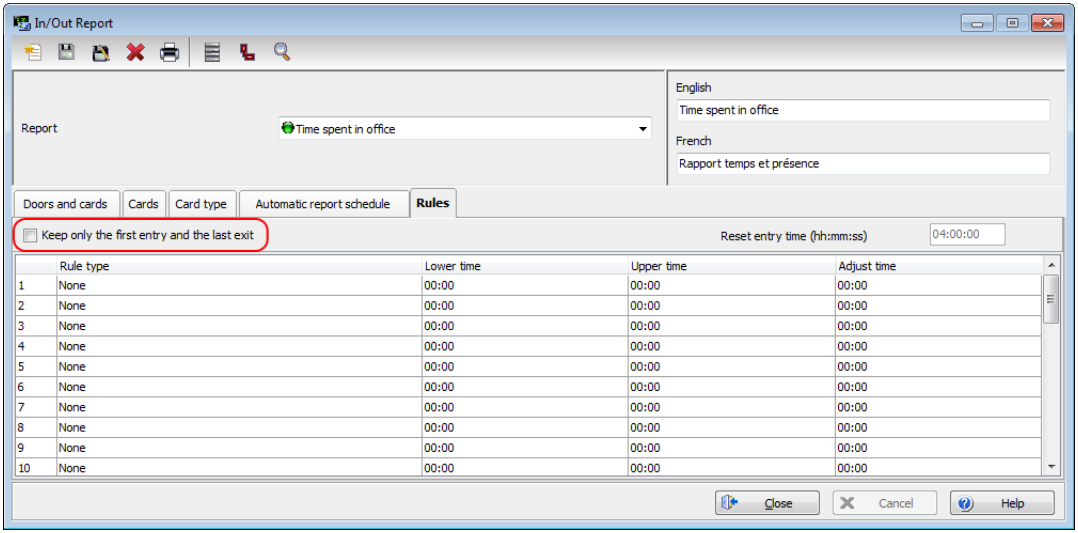
7 To add information in the sort criteria, select an item from the **Additional information** drop-down list.

NOTE: *Repeat these steps for all the card information fields that are listed in the filter index field. You could use the card user name and specify A to F in the* ***Upper/Lower boundary*** *fields for the system to include events in which the defined card numbers appear but only for card users whose names begin with A to F (G and up will not be included even if the card number is included in the range).*

8 Select the **Card type** tab if it is displayed, then specify the Card types that will be included in the report. This tab appears if you have checked the **Use card type filter** option.

9 Select the **Automatic report schedule** tab to specify information for automatic reports. For details, *see "Defining Automatic Report Schedules" on page 132*.

10 Select the **Rules** tab to define the rules of In/Out in employee time reports. Rules can be created to define periods of time as specific values. For example, all employee entries between 7:50 AM and 8:15 AM can be defined as the value of 8:00 AM on reports.



- Select the **Keep only the first entry (first IN) and the last exit (last OUT)** option to get the time lapsed between the first reading of the card on an entry reader and the last reading of the card on an exit reader.

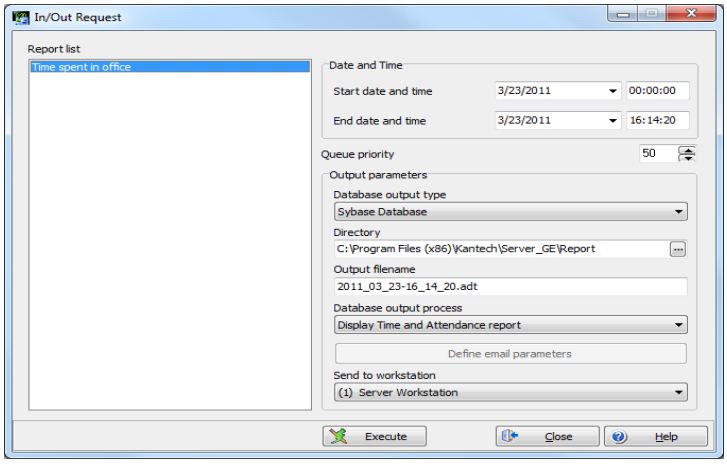
In/Out Reports Request

The Request In/Out reports feature is used to request the pre-defined In/Out reports that were created using the In/Out Report Definition menu. This feature is useful when you want to override automatic settings.

NOTE: *If the report contains automatic settings, these will be ignored.*

Requesting a In/Out Report Manually

1 Under the **Report** toolbar, click the **In/Out Request** icon. The In/Out Request report window appears.



2 From the **Report list** display pane, select the In/Out report that you want to execute.

3 Specify **Date and time** as well as the **Output parameters**.

4 Select the **Queue priority** level. A report with a priority of 1 will be processed before a report with a priority of 99.

5 Click **Execute** to trigger the report.

NOTE: *The In/Out report is automatically saved in the output folder of the Application selected in the Send to workstation field.*

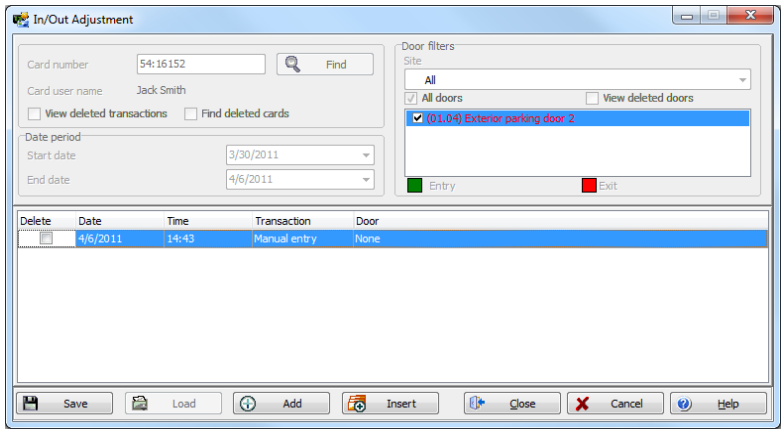
NOTE: *For the Sybase output type, the system displays a report preview window. For other output formats, you will have to retrieve the report manually since it is not printed or displayed. To view all the reports that have been generated, use the View report button in the Report toolbar. For details on reports output formats, see "Defining a Report Output Format" on page 134.*

Operations on In/Out

Use the Operation on In/Out feature to manually insert, add or delete In/Out transactions in the database. This feature is useful for an organization using the In/Out feature for the payroll system, for instance.

Adding a Transaction in the In/Out Database

1 Under the **Report** toolbar, click the **Operations on In/Out** icon.



2 Enter the **Card number** for which you want to modify the In/Out transactions, then click the **Load** button. If you do not know the number, use the **Find** button.

NOTE: *The card number field is mandatory to start loading.*

3 Select the **View deleted transactions** option if you want to view the transactions that were previously deleted. Deleted transactions are marked with an "X" in the **Delete** column.

4 Check the **Find deleted cards** option if you want to find the deleted cards. This does not apply to entries that were added manually.

5 Specify the **Start date**, the day on which the system will start to collect the events, by clicking the **Calendar** icon and selecting a specific date. Only events that occurred on this date and after are displayed.

NOTE: *The Start date is mandatory to start loading.*

6 Specify the **End date**, that is the day and time on which the system will stop collecting events. Only events that occurred on the specified date and before are displayed. If you do not specify an end date, the system will include all the data up to the present day time.

7 In the **Site** drop-down list, select the appropriate site to view the In/Out doors.

NOTE: *The gateway is mandatory to start loading.*

8 You may check the **All Doors** option, then all the doors displayed under this field will be selected. You may also select specific doors. All the In/Out events that were generated for the selected doors will be displayed.

9 Check the View deleted doors option so that even doors that are no longer defined as In/Out doors (but that have been defined as In/Out) will be displayed.

NOTE: *Doors are mandatory to start loading.*

10 Enter the necessary information in the transaction table. The transaction table displays the transactions for the selected cardholder:

- The **Delete** column indicates transactions that have been deleted (if the **View deleted transactions** option is checked). These are identified by an X.
- The **Date** column indicates the date on which the transaction occurred. Use this field to specify the date when you manually insert a new transaction.
- The **Time** column indicates the time at which the cardholder entered or exited an area. Use this field to specify the time (entry or exit) when manually inserting a new transaction.
- The **Transaction** column indicates the transaction type. For every entry transaction, there should be an exit transaction.
  - **Entry**—indicates that this is an entry transaction generated when a cardholder presented his/her card at a door defined as entry.
  - **Exit**—Indicates that this is an exit transaction generated when a cardholder presented his/her card at a door defined as “Exit”.
  - **Manual entry**—Indicates that this is an entry transaction that was manually inserted or added in the system. When you manually insert a transaction, you have to specify if this transaction is an “Entry” transaction or an exit transaction. For every entry, there should be an exit.
  - **Manual exit**—Indicates that this is an “exit” transaction that was manually inserted or added in the system. When you manually insert a transaction, you have to specify if this transaction is an entry transaction or an exit transaction. For every entry, there should be an exit.
- The **Door** column indicates which door was accessed by this user. When you manually insert a transaction, you have to specify the door according to the transaction type (Entry or Exit).

NOTE: *If you are inserting an entry transaction, only doors defined as “Entry doors” will be displayed in the list. If your are inserting an exit transaction, only doors defined as “Exit doors” will be displayed in the list.*

11 Click the **Load** button to load the transactions from the server for this cardholder. You have to enter the card number, select the gateway/site and door(s), then click the **Load** button. The button is disabled once you have loaded the transactions.

12 Click the **Add** button to add a transaction to the existing transaction list. The new transaction will be added at the end of the list.

13 Use the **Insert** button to insert a transaction between existing transactions or above any transaction.

14 Click **Cancel** to cancel any insertion or modification that was made BEFORE saving.

NOTE: *When you delete a transaction that was added manually, it is permanently deleted from the list; as opposed to transactions that were generated by controllers. When they are deleted, they are identified by an X in the Deleted column.*

Report State

Use the **Report state** feature to display a list as well as the status of all requested reports that are still pending. From the **Report** tool bar, click on the **Report state** icon:

Report state fields:

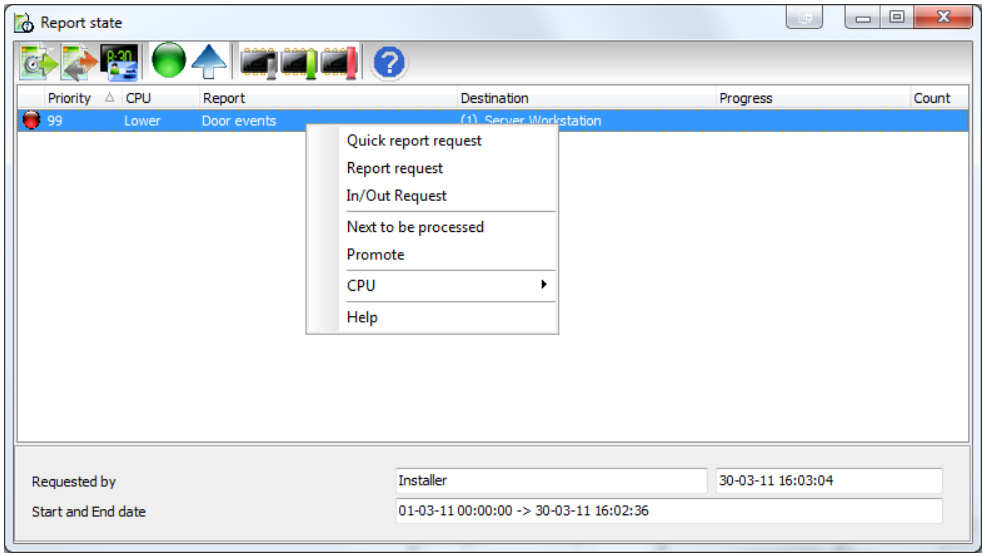
- **Priority**: Priority level for the treatment of messages (1 to 99). A a priority of 1 will be processed before a priority of 99.
- **CPU**: Level of CPU usage to be allowed to process the report (Lower, Normal, Higher).
- **Report**: Name of the report in process.
- **Destination**: Displays the workstation or SmartLink name to which the report will be sent to.
- **Progress**: When the report is processed, it displays the date in treatment, from the start to the end.
- **Count**: Indicate the number of records in the report.

Contextual menu for pending reports:

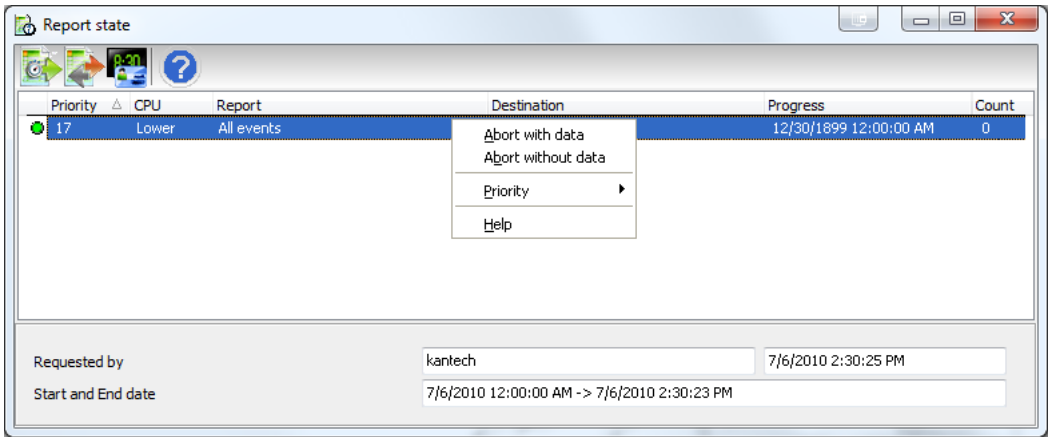
Select a report then right click on it to display the contextual menu:

- **Next to be processed**: Indicates that this is the next report to proceed.
- **Promote**: Increases the priority level (above the next lower priority report).
- **CPU**: Allows you to change the CPU usage for the treatment of reports (Lower, Normal, Higher).

- **Help**: Click to see the related help topic.



Contextual menu for in process reports:
Select a report then right click on it to display the contextual menu:



- **Abort with data**: This function ends the process and the gathered informations are sent to the recipient.
- **Abort without data**: This function ends the process and the gathered informations are erased.
- **Priority**: Allows you to change the CPU usage for the treatment of reports (Lower, Normal, Higher).

- **Help**: Click to see the related help topic.

NOTE: *A red dot indicates a pending reporIn/Out green one, a report in process .*

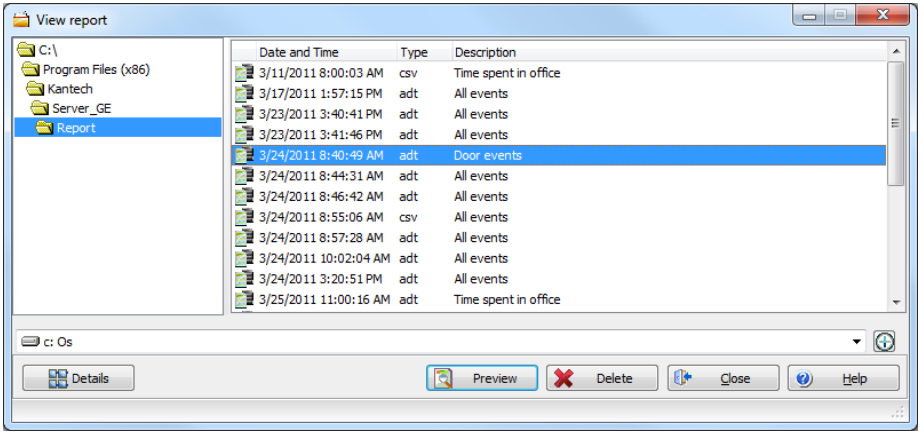
Reports Viewing

The View Report feature enables users to view the reports that were defined and saved in the system. Operators can use it to view reports in any format, or to customize a report before printing it.

NOTE: *When you create a report (csv, db or dbf), the system automatically creates an associated rdf file. This rdf file is the one that is listed in the View report window. When you click "Preview", the system automatically launches the appropriate program to view the report.*

Displaying a Report

1 Under the **Report** toolbar, click the **View report** icon. The system displays the default destination folder. If the report was saved in a different folder, browse the disk, using the scroll-down arrow (bottom of the window) to the report you want to display.



2 Select the report you want to view. If there is a printer installed, the **Preview** button is enabled. It is used to preview the report before printing it.

NOTE: *You **must** have a printer installed on your computer in order to preview or print reports. To setup a printer, click on **Start** > **Settings** > **Printers** > **Add Printer**. For more information, consult your system administrator.*

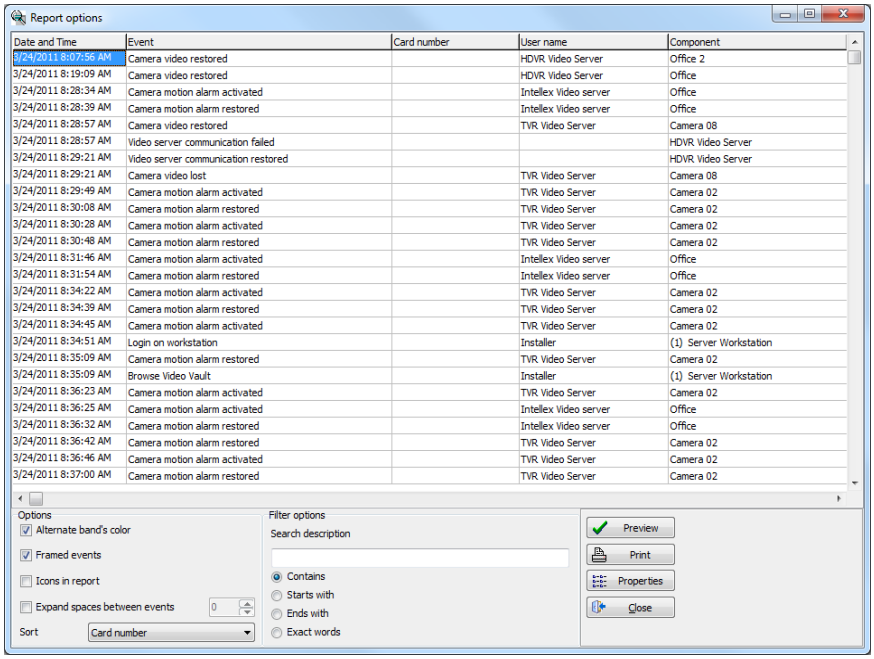
3 Click the **Details** button to display information about the report. If you click the **Details** button, the Report details window appears, displaying information related to the selected report file such as the report filename, title, type, date, etc. To close the Report details window, click the **Details** button again.

4 Click the **Preview** button to view the report in the system displays the Report preview window.

Previewing Reports

1 From the **View** report window, select the report you want to view in the right-hand pane. If you select a report generated by Sybase, the Report Options window will display allowing you to customize your report before printing it.

NOTE: *If you select a CSV type of report, the report will be generated in a WordPad window, in text format.*


Report options
Date and Time
Event
Card number
User name
Component
3/24/2011 8:07:56 AM Camera video restored HDVR Video Server Office 2
3/24/2011 8:19:09 AM Camera video restored HDVR Video Server Office
3/24/2011 8:28:34 AM Camera motion alarm activated Intellex Video server Office
3/24/2011 8:28:39 AM Camera motion alarm restored Intellex Video server Office
3/24/2011 8:28:57 AM Camera video restored TVR Video Server Camera 08
3/24/2011 8:28:57 AM Video server communication failed HDVR Video Server
3/24/2011 8:29:21 AM Video server communication restored HDVR Video Server
3/24/2011 8:29:21 AM Camera video lost TVR Video Server Camera 08
3/24/2011 8:29:49 AM Camera motion alarm activated TVR Video Server Camera 02
3/24/2011 8:30:08 AM Camera motion alarm restored TVR Video Server Camera 02
3/24/2011 8:30:28 AM Camera motion alarm activated TVR Video Server Camera 02
3/24/2011 8:30:48 AM Camera motion alarm restored TVR Video Server Camera 02
3/24/2011 8:31:46 AM Camera motion alarm activated Intellex Video server Office
3/24/2011 8:31:54 AM Camera motion alarm restored Intellex Video server Office
3/24/2011 8:34:22 AM Camera motion alarm activated TVR Video Server Camera 02
3/24/2011 8:34:39 AM Camera motion alarm restored TVR Video Server Camera 02
3/24/2011 8:34:45 AM Camera motion alarm activated TVR Video Server Camera 02
3/24/2011 8:34:51 AM Login on workstation Installer (1) Server Workstation
3/24/2011 8:35:09 AM Camera motion alarm restored TVR Video Server Camera 02
3/24/2011 8:35:09 AM Browse Video Vault Installer (1) Server Workstation
3/24/2011 8:36:23 AM Camera motion alarm activated TVR Video Server Camera 02
3/24/2011 8:36:25 AM Camera motion alarm activated Intellex Video server Office
3/24/2011 8:36:32 AM Camera motion alarm restored Intellex Video server Office
3/24/2011 8:36:42 AM Camera motion alarm restored TVR Video Server Camera 02
3/24/2011 8:36:46 AM Camera motion alarm activated TVR Video Server Camera 02
3/24/2011 8:37:00 AM Camera motion alarm restored TVR Video Server Camera 02
Options
Alternate band's color
Framed events
Icons in report
Expand spaces between events
Sort
Card number
Filter options
Search description
Contains
Starts with
Ends with
Exact words
Preview
Print
Properties
Close

2 Define the filter options: enter a text string in the **Search description** field. The report will be sorted leaving only events containing the specified text string. You may refine your filter:
   - **Contains:** All events which contain the specified text will be included in the report.
   - **Starts with:** All events which start with the specified text will be included in the report.
   - **Ends with:** All events which end with the specified text will be included in the report.
   - **Exact words:** All events containing the exact specified text will be included in the report.

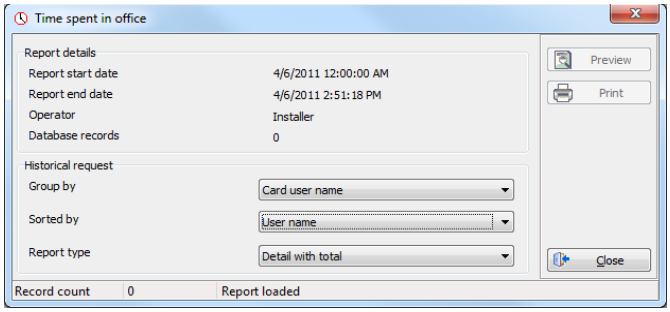
3 Click on the **Preview** button, select a **printer** from the drop-down list and click **OK**. The system displays the result of the report. From that window, you can:
   - Search text within the report
   - Print a report
   - Save a report in various formats such as PDF, RTF, HTML and TXT
   - Load a report (in a.QRP format)

4 Click **Properties** to access the Reports details window where detailed information is displayed:
   - **Report filename**: Displays the whole path where the report was saved as well as its name.

- **Report title**: Displays the title of the report.
- **Start date**: Reports are created for a selected time frame. This option specifies the starting date of this time frame.
- **End date**: Reports are created for a selected time frame. This option specifies the ending date of this time frame as well as the time.
- **Requested**: Displays the date and time at which the report was requested.
- **Delivered**: Displays the date and time at which the report was produced and printed.
- **Requested by**: Displays the name of the operator that requested the report.
- **Count**: Displays the number of transactions (lines) in the report.
- **Output process**: Displays a list of the possible templates used for this report.

Previewing In/Out Reports

1 In the **View report** window, select the report you want to view. If the selected report was defined as a “Display In/Out Report” and “Sybase Database” as the output format, the following window appears.



2 Select the display options:
   - **Group by**— Select this option for easier management. The report data may be grouped by card user names or by card numbers.
   - **Sort by**—You may choose a sort order, by user names, or by card numbers.
   - **Report type**—Select this option for easier management. You may choose to include details with or without total.

3 Click **Preview** to display the result of the report. From that window, you can save the report (in.QRP format) or print the report.

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